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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
E W ALLEN Chief

LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
DURING JANUARY 1927

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Returns from the Arkansas radish crop in 1926. C. C. Brannon and J. A. Dickey. (Arkansas Sta. Bul. 214, pp. 4. Nov., 1926.)

A study of the value of certain root crops and salmon oil as sources of vitamin A for poultry. D. E. Davis and J. R. Beach. (California Sta. Bul. 412, pp. 15. Nov., 1926.)

Planting and thinning distances for deciduous fruit trees. F. W. Allen. (California Sta. Bul. 414, pp. 29, figs. 11. Nov., 1926)

The tractor on California farms. L. J. Fletcher and C. D. Kinsman. (California Sta. Bul. 415, pp. 35, figs. 27. Dec., 1926)

Report on inspection of commercial fertilizers, 1926. E. M. Bailey. (Connecticut State Sta. Bul. 282, pp. 95 + X. Nov., 1926.)

Annual report of the Director for the fiscal year ending June 30, 1926. C. A. McCue et al. (Delaware Sta. Bul. 147, pp. 37. Dec., 1926.)

Sixth annual report, 1925. S. H. Starr. (Georgia Coastal Plain Sta. Bul. 6, pp. 57, figs. 11. June, 1926.)

The relation of the yield and protein content of wheat to the nitrogen content of the soil under ten years of different systems of cropping. R. E. Neidig and R. S. Snyder. (Idaho Sta. Research Bul. 5, pp. 32. Nov., 1926.)

Lamb feeding experiments, 1925-1926. R. F. Johnson et al. (Idaho Sta. Circ. 40, pp. 4. Aug., 1926.)

The energy value of milk as related to composition.--Formulas for the computation of the energy. O. R. Overman and F. P. Sammann. (Illinois Sta. Bul. 282, pp. 207-218, fig. 1. Dec., 1926.)

The influence of plant injury and the root rot diseases upon the physical and chemical composition of corn grain. G. H. Dungan. (Illinois Sta. Bul. 284, pp. 253-281, figs. 9. Dec., 1926.)

- Learning to live with the European corn borer. W. P. Flint, J. C. Hackleman, and F. C. Bauer. (Illinois Sta. Circ. 313, pp. 15, figs. 10. Jan., 1927.)
- Potato spraying and dusting experiments 1921 to 1925. D. Folsom and R. Bonde. (Maine Sta. Bul. 334, pp. 205-284, pls. 8, figs. 2. Aug., 1926.)
- Commercial agricultural seeds, 1926. Insecticides and fungicides, 1926. J. M. Bartlett, C. H. White, B. E. Plummer and L. M. Baker. (Maine Sta. Off. Insp. 122, pp. 73-88. Dec., 1926.)
- The Quarterly Bulletin. (Maine Sta. Quart. Bul., vol. 9, No. 2, pp. 35-78, figs. 2, Nov., 1926.)
- Inspection of commercial feedstuffs. P. H. Smith and F. J. Kokoski. (Massachusetts Sta. Control Ser. Bul. 36, pp. 29. Nov., 1926.)
- Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and W. H. Parkin. (Massachusetts Sta. Met. Bul. 456, pp. 4. Dec., 1926.)
- A suggested bacteriological standard for ice cream. F. W. Fabian. (Michigan Sta. Spec. Bul. 158, pp. 18. Aug., 1926.)
- New fruits produced at the University of Minnesota fruit breeding farm. W. H. Alderman. (Minnesota Sta. Bul. 230, pp. 47, figs. 34. July, 1926.)
- Judging creamery efficiency. B. A. Holt and W. B. Combs. (Minnesota Sta. Bul. 231, pp. 22, figs. 6. Aug., 1926.)
- Physiologic specialization in Puccinia graminis avena Erikss. and Henn. D. L. Bailey. (Minnesota Sta. Tech. Bul. 35, pp. 35, pls. 5. Dec., 1925.)
- Report of Northwest Experiment Station, Crookston, [Minn.], 1925. C. G. Selvig et al. pp. 82, figs. 3.
- Report of West Central Experiment Station, Morris, [Minn.], 1925. P. E. Miller et al. pp. 44.
- The use of first generation crosses and other methods for improving southern varieties of corn. H. B. Brown. (Mississippi Sta. Bul. 236, pp. 31, figs. 4. July, 1926.)
- Biology of the red-tailed Tachina-fly, Winthemia quadripustulata Fabr. H. W. Allen. (Mississippi Sta. Tech. Bul. 12, pp. 32, figs. 9. [1926.])
- A comparison on the basis of net income of twenty profitable and twenty unprofitable farms of Lincoln County. L. E. Long. (Mississippi Sta. Circ. 67, pp. 6. Sept., 1926.)
- A study of the use of Missouri soft wheat flour in making light bread. E. M. Davis and J. A. Cline. (Missouri Sta. Research Bul. 87, pp. 47, figs. 45. July, 1926.)



- Taxation of farms in Missouri. C. O. Brannen and S. D. Gromer. (Missouri Sta. Research Bul. 93, pp. 19. Nov., 1926.)
- Testing fertilizers -- spring, 1926. L. D. Haigh. (Missouri Sta. Circ. 149, pp. 8. Sept., 1926.)
- Possibilities and limitations of cooperative marketing. F. L. Thomsen and H. C. Hensley. (Missouri Sta. Circ. 150, pp. 4. Nov., 1926.)
- Rabbit and mouse control in the orchard. T. J. Tolbert. (Missouri Sta. Circ. 151, pp. 14, figs. 7. Nov., 1926.)
- The Missouri fertilizer law. F. B. Mumford and L. D. Haigh. (Missouri Sta. Circ. 152, pp. 4. Nov., 1926.)
- Growing corn on irrigated land. D. Hansen. (Montana Sta. Bul. 193, pp. 16, figs. 2. Oct., 1926.)
- Experiments with corn on dry land at the Huntley Branch Station. A. E. Seemans. (Montana Sta. Bul. 194, pp. 43, figs. 18. Nov., 1926.)
- Montana's barberry campaign. H. E. Morris and W. L. Popham. (Montana Sta. Bul. 196, pp. 24, pl. 1, figs. 8. Dec., 1926.)
- Analysis of commercial fertilizers, fertilizer supplies and home mixtures for 1926. C. S. Cathcart. (New Jersey Stas. Bul. 440, pp. 39, fig. 1. Oct., 1926.)
- Analyses of materials sold as insecticides and fungicides during 1926. C. S. Cathcart and R. L. Willis. (New Jersey Stas. Bul. 441, pp. 16. Nov., 1926.)
- Viewing English poultry keepers as neighbors across the way. W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, vol 15, No. 2, pp. 4, fig. 1. Nov., 1926.)
- Report of egg-laying contests for 1925 and 1926.-- A report of the Bergen County international egg-laying contest and the Vineland international egg-laying and breeding contest. W. H. Allen. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 3, pp. 4, fig. 1. Dec., 1926.)
- An economic study concerning the operations of fruit and vegetable shippers in western New York. R. B. Corbett. (New York Cornell Sta. Bul. 453, pp. 67, figs. 7. Sept., 1926.)
- A cytological study of two types of variegated pericarp in maize. F. R. Randolph. (New York Cornell Sta. Mem. 102, pp. 14, pls. 2, figs. 4. Aug., 1926.)
- Fertilizer experiments with cotton. C. B. Williams, S. K. Jackson, and H. B. Mann. (North Carolina Sta. Bul. 250, pp. 18, fig. 1. Dec., 1926.)
- Studies on the use of raw rock phosphate. H. L. Walster. (North Dakota Sta. Bul. 198, pp. 15, figs. 5. Apr., 1926.)

- Cost of producing crops in North Dakota. R. E. Willard. (North Dakota Sta. Bul. 199, pp. 32, fig. 1. July, 1926.)
- Hybrid selections of Marquis and Kota.--A comparative study with regard to disease resistance, yield and baking quality. L. R. Waldron. (North Dakota Sta. Bul. 200, pp. 64, figs. 11. Sept., 1926.)
- Some tax problems of North Dakota farmers. R. W. Newton and A. H. Benton. (North Dakota Sta. Bul. 203, pp. 63, figs. 32. Oct., 1926.)
- Great Lakes--St. Lawrence deep waterway.--Its value to North Dakota. O. M. Fuller and A. H. Benton. (North Dakota Sta. Bul. 204, pp. 36, figs. 17. Jan., 1927.)
- Izze. J. H. Shepperd. (North Dakota Sta. Circ. 34, pp. 4, figs. 1. Nov., 1926.)
- Hogging down corn. W. L. Robison. (Ohio Sta. Bul. 398, pp. 303-339, figs. 10. Nov., 1926.)
- The relation of weather to the date of planting potatoes in northern Ohio. J. Bushnell. (Ohio Sta. Bul. 399, pp. 341-384, figs. 12. Dec., 1926.)
- The phosphorus intake of pre-school children as shown by a dietary study made by the individual method. H. McKay. (Ohio Sta. Bul. 400, pp. 383-425, figs. 10. Dec., 1926.)
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 12, No. 1, pp. 32, figs. 9. Jan.-Feb., 1927.)
- The effect of various sources of animal protein on egg production. P. T. Kistler, T. B. Charles, and H. C. Knandel. (Pennsylvania Sta. Bul. 206, pp. 23, figs. 3. Sept., 1926.)
- A study of economic conditions in the Lexington-Batesburg section of South Carolina. B. A. Russell. (South Carolina Sta. Bul. 233, pp. 36, figs. 11. Oct., 1926.)
- Thirty-ninth annual report of the South Carolina Experiment Station of Clemson Agricultural College for the year ended June 30, 1926. H. W. Barre. pp. 86, figs. 30. Dec., 1926.)
- The date of seeding winter rye when the ground is dry or wet. A. N. Hume, E. W. Hardies, and C. Franzke. (South Dakota Sta. Bul. 220, pp. 4, fig. 1. Sept., 1926.)
- Annual report of the Director [South Dakota Station] for the fiscal year ending June 30, 1925. J. W. Wilson et al. pp. 38, fig. 1.
- Annual report of the Director [South Dakota Station] for the fiscal year ending June 30, 1926. J. W. Wilson et al. pp. 39.
- An improved method of delinting cotton seed with sulphuric acid. C. D. Sherbakoff. (Tennessee Sta. Circ. 3, pp. 2. Nov., 1926.)



- Fulghum oat the best variety for spring seeding. C. A. Mooers. (Tennessee Sta. Circ. 4, pp. 2, fig. 1. Nov., 1926.)
- Eradication of the wild onion. C. A. Mooers. (Tennessee Sta. Circ. 5, pp. 2, fig. 1. Dec., 1926.)
- The value of farmyard manure. C. A. Mooers. (Tennessee Sta. Circ. 6, pp. 2. Dec. 1926.)
- Certified Irish potato seed. J. A. McClintock. (Tennessee Sta. Circ. 7, p. 1, Jan 1927.)
- Report of the Director for the 18-month period from January 1, 1925, to June 30, 1926. W. Peterson et al. (Utah Sta. Bul. 198, pp. 71, fig. 1. Dec., 1926.)
- Commercial feeding stuffs. J. L. Hills, C. H. Jones, C. F. Anderson, and E. F. Boyce. (Vermont Sta. Bul. 254, pp. 56. Sept., 1926.)
- Studies in Vermont dairy farming.--II, Enosburg, Franklin Co., area. P. K. Hooker. (Vermont Sta. Bul. 256, pp. 45, pls. 4, figs. 12. July, 1926.)
- Studies in tolerance of New England forest trees.--V, Relation of the moisture content of the soil to the sensitiveness of the chloroplast to light. G. P. Burns. (Vermont Sta. Bul. 257, pp. 16, figs. 8. Sept., 1926.)
- Commercial fertilizers. C. H. Jones, G. F. Anderson, and E. F. Boyce. (Vermont Sta. Bul. 258, pp. 20. Sept., 1926.)
- Agricultural seed. A. S. Lutman. (Vermont Sta. Bul. 259, pp. 14. Aug., 1926.)
- Thirty-ninth annual report, 1925-1926. J. L. Hills. (Vermont Sta. Bul. 260, pp. 15. Oct., 1926.)
- Studies on the potato tuber moth during the winter of 1925-1926. G. W. Underhill. (Virginia Sta. Bul. 251, pp. 31, figs. 6. Aug., 1926.)
- Thirty-sixth annual report for the fiscal year ended June 30, 1926. E. C. Johnson et al. (Washington Col. Sta. Bul. 208, pp. 76, fig. 1. Nov., 1926.)
- Irrigated alfalfa in Washington. H. P. Singleton. (Washington Col. Sta. Bul. 209, pp. 15, figs. 5. Nov., 1926.)
- Farming in the Big Bend Country. W. J. Spillman. (Washington Col. Sta. Pop. Bul. 135, pp. 72, figs. 11. Oct., 1926.)
- Developing new land under irrigation. R. P. Bean. (Washington Col. Sta. Pop. Bul. 136, pp. 28, figs. 10. Nov., 1926.)

Make extension work more effective. M. C. Wilson and W. W. Clark. (Wisconsin Sta. Bul. 387, pp. 32, figs. 12. Nov., 1926.)

Wisconsin studies upon the relation of soil temperature to plant disease. L. R. Jones, J. Johnson, and J. G. Dickson. (Wisconsin Sta. Research Bul. 71, pp. 144, figs. 59. Nov., 1926.)

Root nodule bacteria of Leguminosae. E. B. Fred, A. L. Whiting, and E. G. Hastings. (Wisconsin Sta. Research Bul. 72, pp. 43, pls. 16, figs. 6. Nov., 1926.)

Studies of the epidemiology and control of apple scab. G. W. Keitt and L. K. Jones. (Wisconsin Sta. Research Bul. 73, pp. 104, pls. 6, figs. 9. Dec., 1926.)



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Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Fattening calves in Arizona. E. B. Stanley and E. L. Scott. (Arizona Sta. Bul. 116, pp. 311-336, pl. 1, figs. 6. Oct., 1926.)

Alkali tolerance of plants considered as a phenomenon of adaptation. J. F. Breazeale. (Arizona Sta. Tech. Bul. 11. pp. 237-256, figs. 4. Nov., 1926.)

Thirty-fourth annual report [Arizona Station] for the year ended June 30, 1923. J. J. Thornber et al. pp. 431-510, figs. 13.

Harvesting and marketing cantaloupes and honey dew melons in the Arkansas Valley of Colorado, seasons of 1924 and 1925. N. D. Sanborn. (Colorado Sta. Bul. 312, pp. 59, figs. 21. Nov., 1926.)

Palms of Florida. H. Mowry. (Florida Sta. Bul. 184, pp. 54, figs. 57. Oct., 1926.)

Tomato diseases in Florida. G. F. Weber and G. B. Ramsey. (Florida Sta. Bul. 185, pp. 57-138, figs. 42. Dec., 1926.)

The use of time by farm women. I. Z. Crawford. (Idaho Sta. Bul. 146, pp. 14, figs. 4. Jan., 1927.)

Tankage for spring pigs on legume pasture. C. M. Vestal. (Indiana Sta. Bul. 300, pp. 14, figs. 2. May, 1926.)

Commercial fertilizers. O. S. Roberts, O. W. Ford, L. E. Horat, and M. H. Thornton. (Indiana Sta. Bul. 301, pp. 69, fig. 1. May, 1926.)

Inspection of agricultural seeds. O. S. Roberts, R. O. Bitler, J. C. Kinsella, E. M. Patt, and A. P. Martin. (Indiana Sta. Bul. 302, pp. 68, fig. 1. May, 1926.)

Commercial feeding stuffs. H. R. Kraybill, O. S. Roberts, R. O. Bitler, P. B. Curtis, R. F. Hine, and W. C. Aitkinhead. (Indiana Sta. Bul. 303, pp. 20, fig. 1. July, 1926.)

Sheep feeding, XIV.--Fattening western lambs, 1925-1926. C. Harper. (Indiana Sta. Bul. 304, pp. 12, fig. 1. May, 1926.)

Twelfth annual report of the dairy department creamery license division for the year ending March 31, 1926. W. G. Goss. (Indiana Sta. Circ. 136, pp. 24, figs. 2. June, 1926.)

- The European corn borer. J. J. Davis. (Indiana Sta. Circ. 138, pp. 18, figs. 10. Dec., 1926.)
- Stack and grain drying.---Progress report. W. Aitkenhead. (Indiana Sta. Circ. 139, pp. 4, figs. 5. Dec., 1926.)
- Infectious abortion of cattle. G. H. Roberts and L. P. Doyle. (Indiana Sta. Circ. 140, pp. 4. Jan., 1927.)
- The snakes of Iowa. J. E. Guthrie. (Iowa Sta. Bul. 239, pp. 145-192, figs. 21. Sept., 1926.)
- Testing draft horses. E. V. Collins and A. B. Caine. (Iowa Sta. Bul. 240, pp. 193-223, figs. 25. Oct., 1926.)
- Crop returns under various rotations in the Wisconsin drift soil area. W. H. Stevenson, P. E. Brown, and L. W. Forman. (Iowa Sta. Bul. 241, pp. 225-263, figs. 10. Oct., 1926.)
- Germination and storage of apple seeds. A. L. Bakke, H. W. Richey, and K. Reeves, (Iowa Sta. Research Bul. 97, pp. 241-255, figs. 2. Oct., 1926.)
- Inheritance of carbohydrates and fat in crosses of dent and sweet corn. E. W. Lindstrom and F. Gerhardt. (Iowa Sta. Research Bul. 98, pp. 257-277. Nov., 1926.)
- Classification of the Streptococcus lactis group. B. W. Hammer and M. P. Baker. (Iowa Sta. Research Bul. 99, pp. 281-300. Nov., 1926.)
- Holcus bacterial spot of Zea mays and Holcus species. J. B. Kendrick. (Iowa Sta. Research Bul. 100, pp. 301-334, figs. 4. Nov., 1926.)
- A study of clover failure in Kentucky. E. N. Fergus and W. D. Valleau, (Kentucky Sta. Bul. 269, pp. 139-210, figs. 21. Apr., 1926.)
- Kentucky livestock auction sales organizations. E. C. Johnson. (Kentucky Sta. Bul. 270, pp. 211-256, figs. 21. Apr., 1926.)
- Thirty-seventh annual report of the Kentucky Agricultural Experiment Station for the year 1924.-- Part II, Bulletins 252 to 256, Circulars 32 to 34. pp. 281 + 58 + 2, figs. 42.  
Commercial fertilizers, 1926. J. M. Bartlett. (Maine Sta. Off. Insp. 121, pp. 53-72, Oct., 1926.)
- Pectic constituents of peaches and their relation to softening of the fruit. C. O. Appleman and C. M. Conrad. (Maryland Sta. Bul. 283, pp. 8, figs. 3. July, 1926.)
- Fruit-rotting sclerotinias.--III, Longevity of buried brown-rot mummies. W. N. Ezekiel. (Maryland Sta. Bul. 284, pp. 7-22, figs. 3. Oct., 1926.)
- Agricultural progress in a typical Maryland community. J. E. Metzger. (Maryland Sta. Bul. 285, pp. 23-60. Oct., 1926.)
- Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and W. H. Parkin. (Massachusetts Sta. Met. Bul. 457, pp. 4, Jan., 1927.)



- Inspection of commercial fertilizers. H. D. Haskins, L. S. Walker, and M. W. Goodwin. (Massachusetts Sta. Control Ser. Bul. 37, pp. 39. Nov., 1926.)
- House plants. A. Laurie. (Michigan Sta. Circ. 99, pp. 18, figs. 17. Dec., 1926.)
- Michigan farmers' tax guide. R. W. Newton. (Michigan Sta. Circ. 100, pp. 11. Jan., 1927.)
- Winter hardiness in alfalfa varieties. F. H. Steinmetz. (Minnesota Sta. Tech. Bull. 38, pp. 33, figs. 6. June, 1926.)
- Farm lighting systems. M. M. Jones. (Missouri Sta. Bul. 243, pp. 19, figs. 4. Nov., 1926.)
- Transplanting fruit trees. T. J. Talbert. (Missouri Sta. Bul. 245, pp. 16, figs. 4. Jan., 1927.)
- The strawberry crown borer. L. Haseman and K. C. Sullivan. (Missouri Sta. Bul. 246, pp. 8, figs. 4. Feb., 1927.)
- The effect of processing on the dispersion of fat in an ice cream mixture. W. H. E. Reid and W. K. Moseley. (Missouri Sta. Research Bul. 91, pp. 25, figs. 11. Oct., 1926.)
- Some protein analogies of the mycelium of Fusarium lycopersici. I. T. Scott. (Missouri Sta. Research Bul. 92, pp. 44, figs. 9. Oct., 1926.)
- Some relations between fertility and the composition of the diet. A. G. Hogan and H. M. Harshaw. (Missouri Sta. Research Bul. 94, pp. 23, figs. 8. Nov., 1926.)
- Correlation of chemical composition with hardiness in brambles. R. V. Lott. (Missouri Sta. Research Bul. 95, pp. 22, figs. 2. Dec., 1926.)
- Pork production at the North Platte Substation. W. P. Snyder. (Nebraska Sta. Bul. 214, pp. 27, fig. 1. Nov., 1926.)
- A survey of the cattle industry in the Nebraska sand hills. H. Hedges. (Nebraska Sta. Bul. 215, pp. 22, figs. 2. Oct., 1926.)
- Lamb feeding experiments in the sugar beet growing districts. J. A. Holden. (Nebraska Sta. Bul. 216, pp. 21, fig. 1. Nov., 1926.)
- The immediate effect of gametic relationship and of parental type upon the kernel weight of corn. T. A. Kiesselbach. (Nebraska Sta. Research Bul. 33, pp. 69, figs. 5. Dec., 1926.)
- Studies on the Ascaris lumbricoides. H. M. Martin. (Nebraska Sta. Research Bul. 37, pp. 78, figs. 3. Dec., 1926.)
- Nutrient requirements of growing chicks. F. E. Mussehl. (Nebraska Sta. Research Bul. 38, pp. 19, figs. 11. Dec., 1926.)
- Bean feeding. C. P. Wilson and J. L. Lantow. (New Mexico Sta. Bul. 155, pp. 24, figs. 5. June, 1926.)



- Some farming changes in southwestern North Dakota, 1922 to 1925. R. E. Willard. (North Dakota Sta. Bul. 201, pp. 19, fig. 1. Sept., 1926.)
- Agricultural outlook for Oklahoma, 1927. J. T. Sanders, W. W. Fetrow, L. D. Howell, J. O. Ellsworth, and T. S. Thorfinson. (Oklahoma Sta. Circ. 66, pp. 16. (Feb., 1927.)
- Experiments with certified Irish cobbler potatoes. A. M. Musser. (South Carolina Sta. Bul. 232, pp. 20, figs. 4. Dec., 1926.)
- Trials with commercial varieties of canning peas. A. N. Hume. (South Dakota Sta. Bul. 221, pp. 15, figs. 2. Jan., 1927.)
- The oat crop. C. A. Mooers. (Tennessee Sta. Bul. 136, pp. 17, figs. 7. Dec., 1926.)
- The important tomato diseases and their control. S. H. Essary. (Tennessee Sta. Circ. 8, pp. 4, figs. 2. Jan., 1927.)
- Commercial feeding stuffs from September 1, 1925, to August 31, 1926. B. Youngblood, F. D. Fuller, and S. D. Pearce. (Texas Sta. Bul. 348, pp. 133. Jan., 1927.)
- Red clover experiments. T. K. Wolfe and M. S. Kipps. (Virginia Sta. Bul. 252, pp. 24, figs. 13. Dec., 1926.)
- Correlated inheritance of quantitative and qualitative characters in oats. K. S. Quisenberry. (West Virginia Sta. Bul. 202, pp. 55, figs. 7. July, 1926.)
- Fertilization of apple orchards, II. M. J. Dorsey and H. E. Knowlton. (West Virginia Sta. Bul. 203, pp. 53, figs. 10. Aug., 1926.)
- Tomato late blight and its relation to late blight of potato. A. Berg. (West Virginia Sta. Bul. 205, pp. 31, figs. 7. July, 1926.)
- Feeding dairy cows. H. O. Henderson and J. V. Hopkins. (West Virginia Sta. Circ. 42, pp. 22, figs. 3. Nov., 1926.)
- Producing cream on the farm. J. V. Hopkins and G. M. Trout. (West Virginia Sta. Circ. 43, pp. 15, figs. 11. Dec., 1926.)
- Roadside marketing for West Virginia farmers. W. W. Armentrout. (West Virginia Sta. Circ. 45, pp. 11, figs. 6. Jan., 1927.)
- Gleanings from science.--Annual report of the director, 1924-1926. H. L. Russell, F. B. Morrison, and W. H. Ebling. (Wisconsin Sta. Bul. 388, pp. 146, figs. 40. Dec. 1926.)
- The mineral feed problem in Wisconsin. E. B. Hart, H. Steenbock, and F. B. Morrison. (Wisconsin Sta. Bul. 390, pp. 23, figs. 15. Jan., 1927.)

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Essentials to successful fruit culture in Arizona. E. J. Crider. (Arizona Sta. Bul. 117, pp. 333-395, figs. 21. Nov., 1926.)

The striped cucumber beetle. D. Isely. (Arkansas Sta. Bul. 216, pp. 36, fig. 1. Feb., 1927.)

The California poultry industry: A statistical study. E. C. Voorhies. (California Sta. Bul. 413, pp. 172, figs. 52. Nov., 1926.)

Poultry feeding: Principles and practice. W. F. Holst and W. E. Newlon. (California Sta. Bul. 417, pp. 48, figs. 6. Feb., 1927.)

Fruit tree and orchard judging. W. P. Duruz. (California Sta. Circ. 309, pp. 27, figs. 3. Feb., 1927.)

Potato growing in Colorado. E. P. Sandsten. (Colorado Sta. Bul. 314, pp. 30, figs. 5. Jan., 1927.)

The thirty-ninth annual report of the Colorado Agricultural Experiment Station for the year 1926. C. P. Gillette et al. pp. 46.

Animal feeding experiments with Bacterium pullorum: The toxicity of infected eggs. L. F. Rottger, C. A. Slanetz, and J. G. McAlpine. (Connecticut Storrs Sta. Bul. 140, pp. 97-110, figs. 3. Oct., 1926.)

Some effects of limestone and hydrated lime on the bio-chemical activities in acid soils. E. Dorsey. (Connecticut Storrs Sta. Bul. 141, pp. 112-163, figs. 11. Nov., 1926.)

Report of the Director for the year ending June 30, 1926. W. L. Slate, jr. (Connecticut Storrs Sta. Bul. 142, pp. 165-182, figs. 7. Dec., 1926.)

Citrus insects and their control J. R. Watson. (Florida Sta. Bul. 133 (revision of Bul. 148), pp. 291-423, figs. 37. June, 1923.)

University of Florida Agricultural Experiment Station report for the fiscal year ending June 30, 1926. W. Newell et al. pp. 125R+VI, figs. 10.



Banana culture in Hawaii. W. T. Pope. (Hawaii Sta. Bul. 55, pp. 48, pls. 17. Dec., 1926.)

A comparison of white and yellow corn for growing and fattening swine and for brood sows. J. B. Rice, H. H. Mitchell, and R. J. Laible. (Illinois Sta. Bul. 281, pp. 177-204. Dec., 1926.)

Experiments in handling sweet clover with reference to the accumulation and conservation of nitrates in the soil. A. L. Whiting and T. E. Richmond. (Illinois Sta. Bul. 285, pp. 285-307. Jan., 1927.)

Fertilizer experiments with greenhouse lettuce and tomatoes. J. W. Lloyd. (Illinois Sta. Bul. 286, pp. 309-336, figs. 4. Feb., 1927.)

Spring wheat production in Illinois. R. W. Stark. (Illinois Sta. Bul. 287, pp. 337-351, fig. 1. Mar., 1927.)

Improving small home grounds in Illinois. (Illinois Sta. Circ. 314, pp. 40, figs. 15. Feb., 1927.)

Housing farm poultry. L. E. Card and W. A. Foster. (Illinois Sta. Circ. 315, pp. 20, figs. 21. Feb., 1927.)

Increasing farm profits with more early potatoes in northern Indiana. M. H. Overton. (Indiana Sta. Bul. 305, pp. 28, figs. 13. Nov., 1926.)

A statistical study of the prices and production of beef cattle. J. A. Hopkins, jr. (Iowa Sta. Research Bul. 101, pp. 337-396, figs. 26. Dec., 1926.)

Annual report [Iowa Station] for the fiscal year ending June 30, 1926. C. F. Curtiss. pp. 63.

Year-to-year and seasonal fluctuations in hog prices. R. M. Green and H. Howe. (Kansas Sta. Circ. 132, pp. 14, figs. 6. Dec., 1926.)

Director's report [Kansas Station] 1924-1926. L. E. Call. pp. 162. Dec., 1926.)

Cooperative marketing and price control. O. B. Jesness. (Kentucky Sta. Bul. 271, pp. 257-279. Oct., 1926.)

Two currant aphids that migrate to willow-herbs. E. M. Patch. (Maine Sta. Bul. 336, pp. 8, pl. 1, fig. 1. Jan., 1927.)

The pea aphid in Maine. E. M. Patch. (Maine Sta. Bul. 337, pp. 20, fig. 1. Feb., 1927.)

The market outlet for Massachusetts apples. L. P. Jefferson. (Massachusetts Sta. Bul. 231, pp. 40, figs. 7. Jan., 1927.)

Inspection of lime products used in agriculture. H. D. Haskins, L. S. Walker, and W. W. Goodwin. (Massachusetts Sta. Control Ser. Bul. 38, pp. 6, fig. 1. Dec., 1926.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and W. H. Parkin. (Massachusetts Sta. Met. Bul. 458, pp. 4. Feb., 1927.)



- Varieties and locations as factors in apple production. V. R. Gardner. (Michigan Sta. Spec. Bul. 161, pp. 45, fig. 1. Jan., 1927.)
- How to make and preserve cider. F. W. Fabian. (Michigan Sta. Circ. 98, pp. 20, Dec., 1926.)
- The quarterly bulletin. (Michigan Sta. Quart. Bul., vol. 9, No. 3, pp. 83-126, figs. 4. Feb., 1927.)
- Selection and use of bacon. A. M. Child. (Minnesota Sta. Bul. 232, pp. 19, figs. 6. Dec., 1926.)
- Physiologic specialization and parasitism of Helminthosporium sativum. J. J. Christensen. (Minnesota Sta. Tech. Bul. 37, pp. 101, pls. 12, figs. 2. July, 1926.)
- Studies of self-fertilization in rye, H. E. Brewbaker. (Minnesota Sta. Tech. Bul. 40, pp. 40, figs. 10. June, 1926.)
- Progress report on cost of production route in Choctaw County, Mississippi, 1925. L. E. Long and H. W. Reynolds. (Mississippi Sta. Bul. 237, pp. 23. Sept., 1926.)
- Report South Mississippi Branch Experiment Station, 1926. E. B. Ferris and W. S. Anderson. (Mississippi Sta. Bul. 238, pp. 18. Dec., 1926.)
- Report Holly Springs Branch Experiment Station, 1926. G. T. Ambrose. (Mississippi Sta. Bul. 239, pp. 28, figs. 5. Dec., 1926.)
- Report Raymond Branch Experiment Station, 1926. H. F. Wallace. (Mississippi Sta. Bul. 240, pp. 16. Dec., 1926.)
- Cotton fertilizers and varieties, central station, 1926. J. F. O'Kelly, C. B. Anders, and W. W. Hull. (Mississippi Sta. Bul. 241, pp. 12, fig. 1. Dec., 1926.)
- Cotton experiments, 1926, South Mississippi Branch Experiment Station. E. B. Ferris. (Mississippi Sta. Circ. 69, pp. 7. Dec., 1926.)
- Roses. J. C. C. Price. (Mississippi Sta. Circ. 70, pp. 9, fig. 1. Jan., 1927.)
- Irrigation and drainage problems in the Gallatin Valley. H. E. Murdock. (Montana Sta. Bul. 195, pp. 36, figs. 24. Nov., 1926.)
- Wheat experiments at the Northern Montana Branch Station. G. W. Morgan and M. A. Bell. (Montana Sta. Bul. 197, pp. 48, figs. 14. Dec., 1926.)
- Cottage cheese manufacture in dairy plants. E. L. Reichart and H. P. Davis. (Nebraska Sta. Bul. 217, pp. 16, figs. 8. Jan., 1927.)
- Alfalfa investigations. T. A. Kiesselbach and A. Anderson. (Nebraska Sta. Research Bul. 36, pp. 125, figs. 27. Dec., 1926.)

The differential reaction of strains within a variety of wheat to physiologic forms of Puccinia graminis tritici. T. A. Kiesselbach and G. L. Peltier. (Nebraska Sta. Research Bul. 39, pp. 15, fig. 1. Dec., 1926.)

Results of seed tests for 1926 made for the State Department of Agriculture. M. G. Eastman. (New Hampshire Sta. Bul. 226, pp. 18. Nov., 1926.)

Black flies in New Hampshire. W. C. O'Kane. (New Hampshire Sta. Tech. Bul. 32, pp. 24, figs. 8. Oct., 1926.)

Creamery inspection in New Jersey.--Seventh annual report. G. L. Lall. (New Jersey Stas. Bul. 445, pp. 16, figs. 3. Feb., 1927.)

Care and management of baby chicks. W. C. Thompson and F. H. T. Clickner. (New Jersey Stas. Circ. 199, pp. 32, figs. 33. Mar., 1927.)

Spray calendar for apples and quinces. (New Jersey Stas. Circ. 201, pp. 4, figs. 2. Feb., 1927.)

Spray calendar for peaches. (New Jersey Stas. Circ. 202, pp. 4, figs. 3. Feb., 1927.)

Egg production, monthly costs and receipts on New Jersey poultry farms, November, 1925--October, 1926. W. H. Allen. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 4, pp. 4, fig. 1. Jan., 1927.)

The 1927 New Jersey chick ration and method of chick feeding. F. H. T. Clickner. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 5, pp. 4, fig. 1. Feb., 1927.)

Forty-sixth annual report of the New Jersey State Agricultural Experiment Station and the thirty-eighth annual report of the New Jersey Agricultural College Experiment Station for the year ending June 30, 1925. J. G. Lipman et al. pp. XXVII+507, figs. 48.

Preliminary report of the growing and marketing of fresh tomatoes in New Mexico. A. E. Fite. (New Mexico Sta. Bul. 157, pp. 18, figs. 3. Jan., 1927.)

An index number of farm taxes in New York and its relation to other economic factors. M. S. Kendrick. (New York Cornell Sta. Bul. 457, pp. 47, figs. 17. Dec., 1926.)

Thirty-ninth annual report of the New York State College of Agriculture at Cornell University, and of the Cornell University Agricultural Experiment Station, 1926. C. Dutton, R. W. Thatcher and C. E. Ladd. pp. 73.

Control of seedbed diseases of cruciferous crops of Long Island by the mercuric chloride treatment for cabbage maggot. E. E. Clayton. (New York State Sta. Bul. 537, pp. 29. Nov., 1926.)

The preservative action in catsup of salt, sugar, benzoate, and acid. C. S. Pederson and R. S. Creed. (New York State Sta. Bul. 538, pp. 15. Nov., 1926.)



Composition and prices of commercial fertilizers in New York in 1926. L. L. Van Slyke. (New York State Sta. Bul. 539, pp. 21. Nov., 1926.)

The dwarfing, shriveling, and dropping of cherries and prunes. W. O. Gloyer. (New York State Sta. Bul 540, pp. 18, pls. 4, fig. 1. Dec., 1926.)

Responses of the sour cherry to fertilizers and to pruning in the Hudson River Valley. H. B. Tukey. (New York State Sta. Bul. 541, pp. 26, pls. 4, figs. 2. Jan., 1927.)

A comparison of the Babcock, Gerber, and Roesse-Gottlieb methods for determining the percentage of fat in milk and cream. A. C. Dahlberg, G. E. Holm, and H. C. Troy. (New York State Sta. Tech. Bul. 122, pp. 32. Nov., 1926.)

Operation of a four unit farm poultry plant. B. F. Kaupp. (North Carolina Sta. Bul. 251, pp. 28, figs. 7. Feb., 1927.)

Studies on the nature of wilt resistance in flax. C. I. Nelson and M. Dworak. (North Dakota Sta. Bul. 202, pp. 30, figs. 25. Sept., 1926.)

Sunshine sweet corn. A. F. Yeager. (North Dakota Sta. Bul. 205, pp. 8, figs. 5. Feb., 1927.)

Stomach worms and nodular worms in lambs. D. S. Bell. (Ohio Sta. Bul 401, pp. 425-470, figs. 23. Dec., 1926.)

Forty-fifth annual report for 1925-26. C. G. Williams. (Ohio Sta. Bul. 402, pp. 156, figs. 25. Feb., 1927.)

Some economic phases of the fruit industry in Rhode Island. R. B. Corbett. (Rhode Island Sta. Bul. 207, pp. 72, figs. 6. Jan., 1927.)

Variation in certain lint characters in a cotton plant and its progeny. E. P. Humbert and J. S. Mogford. (Texas Sta. Bul. 349, pp. 23, figs. 4. Feb., 1927.)

Johnson grass in Texas. E. O. Pollock. (Texas Sta. Circ. 43, pp. 15, fig. 1. Feb., 1927.)

Abstracts of Bulletins 328-346 and Circulars 32-42. A. D. Jackson. (Texas Sta. Circ. 44, pp. 18. Mar., 1927.)

Texas agricultural outlook for 1927. L. P. Gabbard. (Texas Sta. Circ. 45, pp. 16. Mar., 1927.)

Exercise as a factor in digestion trials with dairy cows. H. E. Ellenberger and E. H. Schneider. (Vermont Sta. Bul. 262, pp. 12. Feb., 1927.)

The stationary spray plant. H. L. Garver. (Washington Col. Sta. Bul. 212, pp. 42, figs. 20. Feb., 1927.)

Adjusting agricultural production and distribution in the Clarkburg area to meet home market demands. W. W. Armentrout. (West Virginia Sta. Bul. 212, pp. 40, figs. 9. Sept., 1926.)



Feeding and housing for laying hens. W. L. Quayle and A. Christensen. (Wyoming Sta. Bul. 149, pp. 17-31, figs. 3. Jan., 1927.)

Fallow for small grains. R. S. Towle. (Wyoming Sta. Bul. 150, pp. 33-42, figs. 2. Jan., 1927.)

A better method for winter wheat production. W. L. Quayle and A. L. Nelson. (Wyoming Sta. Bul. 151, pp. 43-54, figs. 3. Feb., 1927.)

A study of potato seed treatment for Rhizoctonia control. H. G. MacMillan and A. Christensen. (Wyoming Sta. Bul. 152, pp. 55-67, fig. 1. Mar., 1927.)

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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
E W ALLEN CHIEF

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LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
DURING APRIL 1927.

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Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Culture of the oriental persimmon in California. K. Ryerson. (California Sta. Bul. 416, pp. 63, figs. 20. Jan., 1927.)

A study of various rations for finishing range calves as baby beeves. H. R. Guilbert. (California Sta. Bul. 418, pp. 19, figs. 2. Feb., 1927.)

Economic aspects of the cantaloupe industry. E. Rauchenstein. (California Sta. Bul. 419, pp. 45, figs. 9. Feb., 1927.)

Some factors affecting the irrigation requirements of deciduous orchards. F. J. Veihmeyer. (Hilgardia [California Sta.], vol. 2, No. 6, pp. 125-284, pls. 3, figs. 44, Jan., 1927.)

Etiology and transmission of endosepsis (internal rot) of the fruit of the fig. P. D. Caldis. (Hilgardia [California Sta.], vol. 2, No. 7, pp. 287-328, pls. 16, figs. 3. Jan., 1927.)

Some factors influencing the rooting of vine cuttings. A. J. Winkler. (Hilgardia [California Sta.], vol. 2, No. 8, pp. 329-349, figs. 11. Jan., 1927.)

A preliminary study of petroleum oil as an insecticide for citrus trees. E. R. de Ong, H. Knight, and J. C. Chamberlin. (Hilgardia [California Sta.], vol. 2, No. 9, pp. 351-384, figs. 4. Jan., 1927.)

Report of the agricultural experiment station of the University of California from July 1, 1925, to June 30, 1926. E. D. Merrill. pp. 102, pl. 1.

The quality of vegetable seed sold in packets in Connecticut. E. M. Stoddard and A. D. McDonnell. (Connecticut State Sta. Bul. 283, pp. 99-110, fig. 1. Jan., 1927.)

Index to reports on food products and drugs, 1915-1925. E. M. Bailey. (Connecticut State Sta. Bul. 284, pp. 111-155. Jan., 1927.)

Twenty-sixth report of the State Entomologist of Connecticut, 1926. W. E. Britton. (Connecticut State Sta. Bul. 285, pp. 157-283, pls. 16, figs. 11. Feb., 1927.)

- Okra. J. G. Woodroof. (Georgia Sta. Bul. 145, pp. 163-185, figs. 8. Jan., 1927.)
- Thirty-ninth annual report Georgia Experiment Station for the year 1926. H. P. Stuckey. pp. 119-160, figs. 7.
- Sweet clover, growing and handling the crop in Idaho. H. W. Hulbert. (Idaho Sta. Bul. 147, pp. 20, figs. 6, Mar., 1927.)
- Summarized report of 1925-1926 poultry feeding experimental work. R. T. Parkhurst. (Idaho Sta. Circ. 43, pp. 8. Mar., 1927.)
- Feeding and management of breeders. R. T. Parkhurst. (Idaho Sta. Circ. 44, pp. 4. Mar., 1927.)
- Recommendations for the control of intestinal worms in poultry. R. T. Parkhurst. (Idaho Sta. Circ. 45, pp. 4, fig. 1. Mar., 1927.)
- Hatching chicks artificially. R. T. Parkhurst. (Idaho Sta. Circ. 46, pp. 8. Mar., 1927.)
- A technical study of the maintenance and fattening of sheep and their utilization of alfalfa hay. H. H. Mitchell, W. G. Kammlade, and T. S. Hamilton. (Illinois Sta. Bul. 283, pp. 221-252. Dec., 1926.)
- Some causes of "starchiness" in corn. G. H. Dungan. (Illinois Sta. Bul. 284 [Abstract ed.], pp. 4, fig. 1.)
- Housing farm poultry. L. E. Card and W. A. Foster. (Illinois Sta. Circ. 315, pp. 20, figs. 21. Feb., 1927.)
- Marion County soils. R. S. Smith, E. A. Norton, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 34, pp. 66, pls. 2, figs. 6. Nov. 1926.)
- Will County soils. R. S. Smith, O. I. Ellis, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 35, pp. 62, pls. 3, figs. 5. Dec., 1926.)
- An economic study of the cattle feeding enterprise in Iowa. J. A. Hopkins, Jr. (Iowa Sta. Bul. 242, pp. 46, figs. 12. Jan., 1927.)
- The control of armyworms and cutworms. C. J. Drake and H. M. Harris. (Iowa Sta. Circ. 101, pp. 8, figs. 6. Mar., 1927.)
- Inoculation of legumes. P. E. Brown and L. W. Erdman. (Iowa Sta. Circ. 102, pp. 8, fig. 1. Mar., 1927.)
- The Iowa agricultural outlook for 1927. C. L. Holmes. (Iowa Sta. Cur. Econ. Ser. Rpt. 5, pp. 24, fig. 1. Apr., 1927.)
- Field experiments on soils and crops. G. Roberts, E. J. Kinney, and J. F. Freeman. (Kentucky Sta. Bul. 272, pp. 231-350. Aug., 1926.)



- Effect of ptoash salts on crop yields. S. B. Haskell. (Massachusetts Sta. Bul. 232, pp. 41-51, pls. 2. Feb., 1927.)
- The codling moth in Massachusetts. A. I. Bourne and W. D. Whitcomb. (Massachusetts Sta. Bul. 233, pp. 55-72, pls. 2, figs. 2. Mar., 1927.)
- Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and W. H. Parkin. (Massachusetts Sta. Met. Bul. 459, pp. 4. Mar., 1927.)
- Why a cull apple is a cull. H. P. Gaston. (Michigan Sta. Spec. Bul. 160, pp. 42, figs. 3. Feb., 1927.)
- Prevention of wind injury to crops on muck land. P. M. Harmer. (Michigan Sta. Circ. 103, pp. 8, figs. 6. Mar., 1927.)
- Soils of Valley County, preliminary report. L. F. Gieseke. (Montana Sta. Bul. 198, pp. 57, pls. 2, fig. 1. Dec., 1926.)
- Beef cattle in Montana. L. Vinke and C. N. Arnett. (Montana Sta. Circ. 133, pp. 67, figs. 47. Jan., 1927.)
- Utilization of food by young oysters. G. W. Martin. (New Jersey Stas. Bul. 442, pp. 12, pl. 1, fig. 1. Feb., 1927.)
- Rearing of pullets in confinement. F. R. Beaudette, J. J. Black, and C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 6, pp. 4, fig. 1. Mar., 1927.)
- Milk goat improvement. O. C. Cunningham. (New Mexico Sta. Bul. 154, pp. 42, figs. 39. May, 1926.)
- Thirty-seventh annual report agricultural experiment station of the New Mexico College of Agriculture and Mechanic Arts, 1925-1926. F. Garcia. pp. 62, figs. 2.
- Methods used in breeding new fruits. R. Wellington. (New York State Sta. Circ. 91, pp. 4, pls. 6. Mar., 1927.)
- Forty-ninth annual report of the North Carolina Agricultural Experiment Station for the fiscal year ended June 30, 1926. Statistical summary for year ending December 1, 1926. R. Y. Winters et al. pp. 78. figs. 17.
- Farmers' elevators in North Dakota.--Organizational, operating methods, incomes and costs. A. H. Benton and M. F. Peightal. (North Dakota Sta. Bul. 206, pp. 52, inserts 6, figs. 14. Feb., 1927.)
- The timing of apple scab sprays. H. C. Young and C. May. (Ohio Sta. Bul. 403, pp. 28, figs. 12. Mar., 1927.)
- The bimonthly bulletin. (Ohio Sta. Bimo. Bul., vol. 12, No. 2, pp. 33-64, figs. 7. Mar.-Apr., 1927.)

- Summary of results of experiments conducted by the Oklahoma Agricultural Experiment Station at the Boys' State Reformatory, Granite, Oklahoma, during the years 1924-1926. (Oklahoma Sta. Bul. 161, pp. 8. Jan., 1927.)
- Current farm economics. (Oklahoma Sta. Cur. Farm Econ., vol. 1, No. 1, (Circ. 49), pp. 4. Apr., 1927.)
- The cranberry in Oregon. W. S. Brown. (Oregon Sta. Bul. 225, pp. 32, figs. 20. Jan., 1927.)
- A progress report on the removal of spray residue from apples and pears. R. H. Robinson and H. Hartman. (Oregon Sta. Bul. 226, pp. 46, figs. 5. Feb., 1927.)
- Commercial fertilizers, 1927 edition. R. H. Robinson. (Oregon Sta. Circ. 78, pp. 22. Jan., 1927.)
- The cotton flea hopper. C. O. Eddy. (South Carolina Sta. Bul. 235, pp. 21, figs. 12. Mar., 1927.)
- The Mexican bean beetle. C. O. Eddy and L. C. McAlister, Jr. (South Carolina Sta. Bul. 236, pp. 38, figs. 18. Mar., 1927.)
- Nitrogenous fertilizer materials. C. A. Mooers. (Tennessee Sta. Circ. 9, pp. 4. Feb., 1927.)
- A select list of varieties of farm crops. C. A. Mooers. (Tennessee Sta. Circ. 10, pp. 4. Feb., 1927.)
- Alfalfa and sweet clover culture. C. A. Mooers. (Tennessee Sta. Circ. 12, pp. 2. Mar., 1927.)
- Effects of planting soybeans and cowpeas with corn. C. A. Mooers. (Tennessee Sta. Circ. 13, pp. 2. Mar., 1927.)
- Thirty-ninth annual report [Texas Sta.], 1926. A. B. Conner. pp. 96, fig. 1.
- Tomato culture in Utah. A. L. Wilson. (Utah Sta. Circ. 63, pp. 36, figs. 3. Mar., 1927.)
- Onion growing in Utah. A. L. Wilson. (Utah Sta. Circ. 64, pp. 32, figs. 3. Mar., 1927.)
- A study of germination, maturity and yield in corn.--Part I, The relation of kernel characters and environmental factors to the germination of corn. Part II, The relation between kernel characters and the maturity and yield of the corn plants produced from particular kinds of kernels. T. K. Wolfe. (Virginia Sta. Tech. Bul. 30, pp. 35, fig. 1. Jan., 1927.)
- Feeding experiments with Leghorns. L. W. Cassel. (Washington Col. Sta. Bul. 210, pp. 32, figs. 12. Feb., 1927.)
- Permanent pastures. M. E. McCollam. (Washington Col. Sta. Bul. 211, pp. 56, figs. 9. Jan., 1927.)

The 1927 apple spray program for West Virginia. L. M. Peairs and E. C. Sherwood. (West Virginia Sta. Circ. 36 [Supplement], pp. 4, fig. 1. Mar., 1927.)

Water systems for farm homes. F. D. Cornell, Jr. (West Virginia Sta. Circ. 44, pp. 24, figs. 9. Mar., 1927.)

The farm lease in Wisconsin. B. H. Hibbard and H. Howe. (Wisconsin Sta. Bul. 391, pp. 26, figs. 4. Feb., 1927.)

Fertilizers and crops for marsh soils. A. R. Whitson, A. R. Albert, and O. R. Zeasman. (Wisconsin Sta. Bul. 392, pp. 36, figs. 14. Feb. 1927.)

Tax burdens compared --farm, city, village. B. H. Hibbard and B. W. Allin. (Wisconsin Sta. Bul. 393, pp. 27, figs. 10. Mar., 1927.)

The chemical composition of plants in relation to photoperiodic changes. G. T. Nightingale. (Wisconsin Sta. Research Bul. 74, pp. 68, figs. 20. Feb., 1927.)

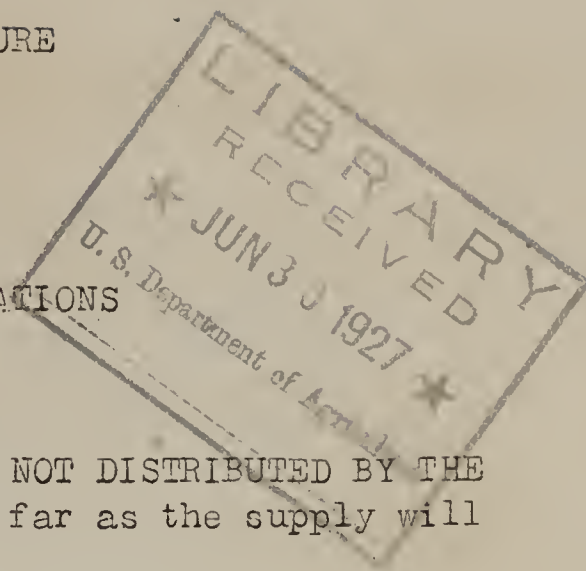




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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
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LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
DURING MAY, 1927.



Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Pruning deciduous fruit trees in the southwest. E. J. Crider. (Arizona Sta. Bul. 118, pp. 31, figs. 20. Dec., 1926.)

Propagation of date palms from offshoots. D. W. Albert. (Arizona Sta. Bul. 119, pp. 56, figs. 19. Dec. 1926.)

Aluminum hydroxide in alkaline soils and its effect upon permeability. W. T. McGeorge, J. F. Breazeale, and P. S. Burgess. (Arizona Sta. Tech. Bul. 12, pp. 257-305, figs. 11. Dec., 1927.)

Sodium hydroxide rather than sodium carbonate the source of alkalinity in black alkali soils. J. F. Breazeale and W. T. McGeorge. (Arizona Sta. Tech. Bul. 13, pp. 307-335, figs. 12. Dec., 1926.)

A study of the toxicity of salines that occur in black alkali soils. J. F. Breazeale. (Arizona Sta. Tech. Bul. 14, pp. 335-357, figs. 5. Feb., 1927.)

Rice and rice by-products as feeds for fattening swine. E. H. Hughes. (California Sta. Bul. 420, pp. 24, figs. 6. Mar., 1927.)

Beef cattle feeding trials, 1921-24. C. E. Howell. (California Sta. Bul. 421, pp. 12, figs. 7, Mar., 1927.)

Cost of producing almonds in California.--A progress report. R. L. Adams. (California Sta. Bul. 422, pp. 52, figs. 4. Apr., 1927.)

Effect of mulches on soil temperatures during the warmest week in July, 1925. A. Smith. (Hilgardia [California St.], vol. 2, No. 10, pp. 385-397, figs. 12. Feb., 1927.)

Maximum height of capillary rise starting with soil at capillary saturation. C. F. Shaw and A. Smith. (Hilgardia [California Sta.], vol. 2, No. 11, pp. 399-409, figs. 2. Feb., 1927.)

Acute infection of chicks and chronic infection of the ovaries of hens caused by the fowl-typhoid organism. J. R. Beach and D. E. Davis. (Hilgardia [California Sta.], vol. 2, No. 12, pp. 411-424. Mar., 1927.)

Control of abortion disease by blood testing and segregation. I. E. Newson and F. Cross. (Colorado Sta. Bul. 317, pp. 30, figs. 2. Mar., 1927.)



- Factors that influence profits on irrigated farms. L. A. Moorhouse, E. T. Burdick, and J. B. Hutson. (Colorado Sta. Bul. 318, pp. 49, figs. 28. Mar., 1927.)
- Effects of clover and alfalfa in rotation.--Part I, The carbon dioxid in the soil atmosphere and its action on the feldspar particles in the soil. W. P. Headden. (Colorado Sta. Bul. 319, pp. 71, fig. 1. Mar., 1927.)
- Soybean meal and ground soybeans as protein supplements for dairy cattle. A. E. Tomhave. (Delaware Sta. Bul. 148, pp. 19. Apr., 1927.)
- 1927 announcement of prices of breeding stock, hatching eggs, and baby chicks. (Idaho Sta. Circ. 42, pp. 4, figs. 2. Jan., 1927.)
- Caponizing the surplus cockerels. R. T. Parkhurst. (Idaho Sta. Circ. 47, pp. 5, figs. 4. Apr., 1927.)
- Persistency of lactation in dairy cows.--A preliminary study of certain Guernsey and Holstein records. W. L. Gaines. (Illinois Sta. Bul. 288, pp. 355-424, figs. 31. Apr., 1927.)
- Experiments in the self-feeding of dairy cows. W. B. Nevens. (Illinois Sta. Bul. 289, pp. 426-452, figs. 19. May, 1927.)
- Rosa odorata as a grafting stock for indoor roses. F. F. Weinard and H. B. Dorner. (Illinois Sta. Bul. 290, pp. 445-463, figs. 2. May, 1927.)
- Corn silage, alfalfa, corn fodder, minerals and dirt for fattening two-year-old steers. J. M. Evvard, C. C. Culbertson, and W. E. Hammond. (Illinois Sta. Leaflet 21, pp. 12. May, 1927.)
- Costs and profits in producing soybeans in Indiana. E. C. Young and L. G. Hobson. (Indiana Sta. Bul. 306, pp. 28, figs. 14. Dec., 1926.)
- Potash and borax in fertilizers. S. D. Conner and M. J. Plice. (Indiana Sta. Bul. 307, pp. 16, figs. 4. Jan., 1927.)
- Some caterpillars frequently mistaken for the European corn borer. C. J. Drake and G. C. Decker. (Iowa Sta. Circ. 103, pp. 16, figs. 19. Apr., 1927.)
- Finishing calves, yearlings and two-year-old steers. C. C. Culbertson, J. M. Evvard, and W. E. Hammond. (Iowa Sta. Leaflet 22, pp. 11. May, 1927.)
- Roughages for fattening two-year-old steers. J. M. Evvard, C. C. Culbertson, and W. E. Hammond. (Iowa Sta. Leaflet 23, pp. 12. May, 1927.)
- Home-cured pork. E. J. Wilford. (Kentucky Sta. Bul. 273, pp. 345-377, figs. 24. Sept., 1926.)
- Man labor, horse work and materials used in producing crops in Christian County. J. E. Hutson and W. G. Finn. (Kentucky Sta. Bul. 274, pp. 379-434, figs. 4. June, 1926.)
- Soils of the Purchase Region of Kentucky. S. D. Averitt and S. C. Jones. (Kentucky Sta. Bul. 277, pp. 40, fig. 1. Feb., 1927.)

- Investigations on the sugar cane disease situation in 1925 and 1926. C. W. Edgerton and E. C. Tims. (Louisiana Sta. Bul. 197, pp. 50, figs. 11. Apr., 1927.)
- Sugar cane borer control aided through utilization of infested and trap corn. W. E. Hinds and H. Spencer. (Louisiana Sta. Bul. 198, pp. 26, figs. 3. Apr., 1927.)
- Maine agriculture.--A statistical presentation. C. H. Merchant. (Maine Sta. Bul. 338, pp. 21-148, figs. 24. Mar., 1927.)
- An economic survey of the apple industry in Maine. C. H. Merchant. (Maine Sta. Bul. 339, pp. 149-200, figs. 2. Apr., 1927.)
- The Concord grape--Pruning and chemical studies in relation to the fruiting habits of the vine. A. L. Schrader. (Maryland Sta. Bul. 286, pp. 61-118, figs. 17. Nov., 1926.)
- The relative value of different carriers of phosphorus. A. G. McCall. (Maryland Sta. Bul. 289, pp. 154-177, figs. 5. Dec., 1926.)
- The poisoning of honey bees by orchard sprays, A. I. Bourne. (Massachusetts Sta. Bul. 234, pp. 73-84, figs. 2. Mar., 1927.)
- Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and W. H. Parkin. (Massachusetts Sta. Met. Bul. 460, pp. 4. Apr., 1927.)
- Production of ice cream with a low bacterial content. F. W. Fabian. (Michigan Sta. Spec. Bul. 159, pp. 12. Apr., 1927.)
- Effect of certain nutrient conditions on activity of oxidase and catalase. B. D. Ezell and J. W. Crist. (Michigan Sta. Tech. Bul. 78, pp. 24, figs. 3. May, 1927.)
- Low temperature and moisture as factors in the ecology of the rice weevil, Sitophilus oryza L. and the granary weevil, Sitophilus granarius L. W. Robinson. (Minnesota Sta. Tech. Bul. 41, pp. 43, figs. 23. Sept., 1926.)
- Determination of hardiness in apple varieties and the relation of some factors to cold resistance. A. C. Hildreth. (Minnesota Sta. Tech. Bul. 42, pp. 37, figs. 5. June, 1926.)
- Study of dairy farm organization in southeastern Minnesota. G. A. Pond. (Minnesota Sta. Tech. Bul. 44, pp. 94 + [14], figs. 25. Nov., 1926.)
- Report of West Central Experiment Station, Morris, [Minnesota], 1926. P. E. Miller. pp. 40.
1. 6 important grape diseases. J. C. C. Price and D. C. Neal. (Mississippi Sta. Circ. 68, pp. 4, figs. 2. Dec., 1926.)
- Making cotton cheaper.--Fertilizer experiments 1921-26, Delta branch station. W. E. Ayres and H. A. York. (Mississippi Sta. Circ. 71, pp. 7. Mar., 1927.)
- Solving farm problems by research.--One year's work, agricultural experiment station. (Report of the director, July 1, 1925, to June 30, 1926). F. B. Mumford and S. B. Shirley. (Missouri Sta. Bul. 244, pp. 62, figs. 13. Nov., 1926.)



- Pastures for hogs. L. A. Weaver. (Missouri Sta. Bul. 247, pp. 44, figs. 8. Mar., 1927.)
- Blister and black rot canker. H. G. Swartwout. (Missouri Sta. Bul. 248, pp. 15, figs. 13. Mar., 1927.)
- Cotton varieties for southeast Missouri. B. M. King. (Missouri Sta. Bul. 249, pp. 8, figs. 3. Mar., 1927.)
- Controlling the epidemic of apple worms. L. Haseman and K. C. Sullivan. (Missouri Sta. Bul. 250, pp. 16, figs. 10. Apr., 1927.)
- Growth and development, with special reference to domestic animals.--IV, Growth rates during the self-accelerating phase of growth. S. Brody. (Missouri Sta. Research Bul. 98, pp. 34, figs. 27. Jan., 1927.)
- The deleterious effect of freezing on several of the physical properties of milk. W. H. E. Reid. (Missouri Sta. Research Bul. 100, pp. 14, figs. 8. Mar., 1927.)
- Cottonseed meal, cold-pressed cake and linseed-oil meal in rations for fattening cattle. H. M. Garlock. (Missouri Sta. Circ. 153, pp. 4. Feb., 1927.)
- Feeding baby chicks. H. L. Kempster. (Missouri Sta. Circ. 154, pp. 4. Mar., 1927.)
- Montana insect pests for 1925 and 1926.--The twenty-first report of the State Entomologist of Montana. R. A. Cooley. (Montana Sta. Bul. 200, pp. 26, figs. 3. Jan., 1927.)
- Plants poisonous to livestock in Montana. H. E. Morris and H. Welch. (Montana Sta. Circ. 134, pp. 28, figs. 14. Feb., 1927.)
- Progress of agricultural experiments--1926.--A report of the director of the New Hampshire Agricultural Experiment Station for the year 1926, including a financial statement for the fiscal year ending June 30, 1926. J. C. Kendall. (New Hampshire Sta. Bul. 227, pp. 44. Feb., 1927.)
- Electricity on New England farms.--A report of the New Hampshire project on the relation of electricity to agriculture for the years 1925-1926. W. T. Ackerman. (New Hampshire Sta. Bul. 228, pp. 47, figs. 10. Mar., 1927.)
- The European corn borer.--Life history in New Hampshire, 1923-1926. W. C. O'Kane and P. R. Lowry. (New Hampshire Sta. Tech. Bul. 33, pp. 39, figs. 6. Feb., 1927.)
- The hawks of New Jersey and their relation to agriculture. L. A. Hausman. (New Jersey Stas. Bul. 439, pp. 48, figs. 37. Jan., 1927.)
- Some principles of oyster dredging. J. R. Nelson. (New Jersey Stas. Bul. 443, pp. 21, figs. 23. Feb., 1927.)
- Analyses of commercial fertilizers and ground bone; analyses of agricultural lime, 1926. C. S. Cathcart. (New Jersey Stas. Bul. 444, pp. 40. Dec., 1926.)

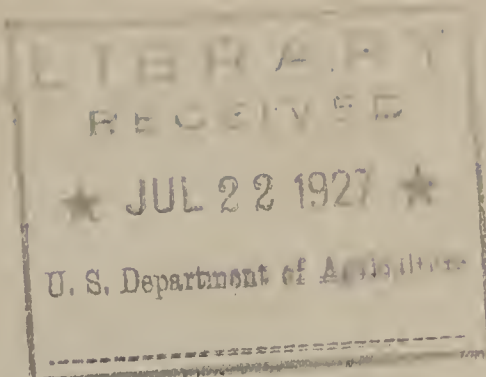


- Fertilizer registrations for 1927. C. S. Cathcart. (New Jersey Stas. Bul. 446, pp. 24, Jan., 1927.)
- The influence of time of hatch on the laying ability of single-comb White Leghorn pullets. L. W. Berry and A. L. Walker. (New Mexico Sta. Bul. 153, pp. 18, figs. 2. Jan., 1927.)
- The climate of Long Island: Its relation to forests, crops, and man. N. Taylor. (New York Cornell Sta. Bul. 458, pp. 20, figs. 3. Mar., 1927.)
- Spraying and dusting experiments with potatoes on Long Island in 1926. H. C. Hockett. (New York State Sta. Circ. 90, pp. 10, pls. 2. Jan., 1927.)
- Summary of results of experiments conducted in field crops and soils at the Panhandle Agricultural College, Goodwell, Oklahoma, 1926. H. H. Finnelli. (Oklahoma Sta. Bul. 160, pp. 15. Jan., 1927.)
- Current farm economics, Oklahoma. (Cur. Farm Econ., Okla., vol. 1, No. 2, pp. 4. May, 1927.)
- The strawberry root weevils and their control in Oregon. D. C. Mote and J. Wilcox. (Oregon Sta. Circ. 79, pp. 24, figs. 13. Feb., 1927.)
- Quality of silage for milk production as affected by stage of maturity of corn. S. I. Bechdel. (Pennsylvania Sta. Bul. 207, pp. 16, fig. 1. Nov., 1926.)
- Milk marketing in Pennsylvania. R. W. Bartlett. (Pennsylvania Sta. Bul. 208, pp. 39, figs. 15. Dec., 1926.)
- Hothouse lamb production. W. L. Henning and P. C. MacKenzie. (Pennsylvania Sta. Bul. 209, pp. 36, figs. 23. Jan., 1927.)
- Inspection of fertilizers. J. B. Smith and W. L. Adams. (Rhode Island Sta. Ann. Fert. Circ., pp. 14. Sept., 1926.)
- Thirty-ninth annual report of the director of the [Rhode Island] Agricultural Experiment Station [1926]. B. L. Hartwell. pp. 34-47.
- House fly fumigation in certain types of buildings. C. O. Eddy. (South Carolina Sta. Bul. 237, pp. 14, figs. 4. Apr., 1927.)
- Influence of cowpea crop on yield of corn.--I, Experiments in a cowpea-corn rotation. II, Effects of cowpeas and soybeans planted with corn. C. A. Mooers. (Tennessee Sta. Bul. 137, pp. 18, figs. 7. Mar., 1927.)
- Notes and dates of planting for Tennessee farm and garden crops. C. A. Mooers. (Tennessee Sta. Circ. 11, pp. 8, fig. 1. Apr., 1927.)
- Removal of onion and garlic flavor and odor from milk. M. B. MacDonald and E. M. Crawford. (Tennessee Sta. Circ. 14, pp. 2. Mar., 1927.)
- Studies on the biology of the pecan nut case bearer (Acrobasis caryae Grote). S. W. Bilasing. (Texas Sta. Bul. 347, pp. 71, figs. 15. Apr., 1927.)

- Fertilizer statistics for Texas. G. S. Fraps. (Texas Sta. Bul. 350, pp. 27, fig. 1. Apr., 1927.)
- Short-term farm credit in Texas. V. P. Lee. (Texas Sta. Bul. 351, pp. 25. Mar., 1927.)
- Rice bran as a feed for dairy cows. J. L. Lush and F. Hale. (Texas Sta. Bul. 352, pp. 22, fig. 1. Mar., 1927.)
- The influence of parentage, nutrition, temperature, and crowding on wing production in Aphis gossypii Glover. H. J. Reinhard. (Texas Sta. Bul. 353, pp. 19. Apr., 1927.)
- Control and spring emergence of the cotton flea hopper. H. J. Reinhard. (Texas Sta. Bul. 356, pp. 32, figs. 10. Apr., 1927.)
- Studies in tolerance of New England forest trees.--VI, A portable instrument for measuring solar radiation in forests. G. R. Burns. (Vermont Sta. Bul. 261, pp. 30, figs. 12. Feb., 1927.)
- Preparation of butter samples for analysis. J. A. Newlander and H. B. Ellenberger. (Vermont Sta. Bul. 263, pp. 31. Feb., 1927.)
- A comparison of the methylene blue reduction test and the agar plate count for determining quality of milk. H. B. Ellenberger, M. C. Bond, A. H. Robertson, and R. I. Moody. (Vermont Sta. Bul. 264, pp. 32, figs. 15. Feb., 1927.)
- The trier method of sampling butter for analysis. H. B. Ellenberger and J. A. Newlander. (Vermont Sta. Bul. 265, pp. 28, figs. 5. Mar., 1927.)
- Cost of producing Virginia dark and bright tobacco and incomes from farming, 1922-1925. A. P. Brodell. (Virginia Sta. Bul. 255, pp. 45, figs. 18. Mar., 1927.)
- Arsenical spray residue and its removal from apples. F. D. Heald, J. R. Heller, F. L. Overley, and H. J. Dana. (Washington Col. Sta. Bul. 213, pp. 56, figs. 19. Mar., 1927.)
- Codling moth traps. A. Spuler. (Washington Col. Sta. Bul. 214, pp. 12, figs. 4. Apr., 1927.)
- Phosphorus deficiency and a dairy cattle "disease". E. B. Hart, B. A. Beach, E. J. Delwiche, and E. G. Bailey. (Wisconsin Sta. Bul. 389, pp. 10, figs. 5. Mar., 1927.)
- Cooperative sales organization for livestock. T. Macklin and M. A. Schaars. (Wisconsin Sta. Bul. 394, pp. 44, figs. 9. Apr., 1927.)
- Winter protection for the honey bee colony. H. F. Wilson and V. G. Milum. (Wisconsin Sta. Research Bul. 75, pp. 47, figs. 17. Feb., 1927.)
- The classification of plant viruses. J. Johnson. (Wisconsin Sta. Research Bul. 76, pp. 16, pls. 8. Feb., 1927.)
- Type in beef calves. F. S. Hultz. (Wyoming Sta. Bul. 153, pp. 71-94, figs. 7. Mar., 1927.)



UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
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LIST OF STATION PUBLICATIONS  
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Note:-- The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

The relation of rate of maturity to egg production. M. W. Buster. (California Sta. Bul. 424, pp. 21, figs. 6. May, 1927.)

Apple growing in California. F. W. Allen. (California Sta. Bul. 425, pp. 54, pls. 4, figs. 9. May, 1927.)

Apple pollination studies in California. E. L. Overholser. (California Sta. Bul. 426, pp. 17. May, 1927.)

The relation of maturity of California plums to shipping and dessert qualities. F. W. Allen, J. R. Magness, and M. H. Haller. (California Sta. Bul. 428, pp. 41, figs. 4. June, 1927.)

Pollination and life history studies of lettuce (Lactuca sativa L.). H. A. Jones. (Hilgardia [California Sta.], vol. 2, No. 13, pp. 425-473, pls. 18. Apr., 1927.)

The application of hydrodynamics to irrigation and drainage problems. O. W. Israelson. (Hilgardia [California Sta.], vol. 2, No. 14, pp. 479-528, figs. 17. April, 1927.)

Variation in the reactions obtained in repeated agglutination tests of the same fowls with Bacterium pullorum antigen. J. R. Beach. The elimination of cloudy reactions by the use of formalin as a preservative for Bacterium pullorum antigen. J. R. Beach and S. Ter-Michaelian. (Hilgardia [California Sta.], vol. 2, No. 15, pp. 529-553. Apr., 1927.)

The oxidation of sulfur in alkali soil and its effect on the replaceable bases. C. D. Samuels. (Hilgardia [California Sta.], vol. 3, No. 1, pp. 26, fig. 1. May, 1927.)

Barberry eradication and sources of black stem rust in Colorado. L. W. Durrell and E. A. Lungren. (Colorado Sta. Bul. 315, pp. 13, figs. 10. Jan., 1927.)

Poisonous plants of Colorado. L. W. Durrell and G. H. Glover. (Colorado Sta. Bul. 316, pp. 28, figs. 18. Mar., 1927.)

The phosphorus requirements of old tobacco soils. P. J. Anderson, M. F. Morgan, and N. T. Nelson. (Connecticut State Sta. Tobacco Substa. Bul. 7, pp. 24T, figs. 2. Mar., 1927.)



- Report of Tobacco Station at Windsor, 1926. P. J. Anderson, N. T. Nelson, et al. (Connecticut State Sta. Tobacco Substa. Bul. 8, pp. 25T-58T, figs. 13. Apr., 1927.)
- Cleaning milking machines. R. C. Fisher and G. C. White. (Connecticut Storrs Sta. Bul. 144, pp. 20, figs. 6. Feb., 1927.)
- Bright tobacco in Georgia. J. M. Carr. (Georgia Coastal Plain Sta. Bul. 7, pp. 28, figs. 9. Feb., 1927.)
- Carbohydrate metabolism and its relation to growth in the edible canna. J. C. Ripperton. (Hawaii Sta. Bul. 56, pp. 35, figs. 17. May, 1927.)
- Report of the Hawaii Agricultural Experiment Station, 1926. J. M. Westgate et al. pp. 26, figs. 20.
- Growing clover seed in Idaho. A. E. McClymonds and H. W. Hulbert. (Idaho Sta. Bul. 143, pp. 24, figs. 3. Apr., 1927.)
- Apple breeding at the University of Illinois. C. S. Crandall. (Illinois Sta. Bul. 275, pp. 341-600, figs. 113. June, 1926.)
- A technical study of the digestibility of corn stover silage for beef cows. T. S. Hamilton and H. P. Rusk. (Illinois Sta. Bul. 291, pp. 467-484. May, 1927.)
- Combines in Illinois. E. W. Lehmann and I. P. Blauser. (Illinois Sta. Circ. 316, pp. 16, figs. 6. May, 1927.)
- Stallion enrollment.--XV, Report of stallion enrollment work for the year 1926 with lists of stallions and jacks enrolled. (Indiana Sta. Circ. 137; pp. 48. fig. 1. Dec., 1926.)
- A study of the cost of producing tobacco in Kentucky. W. D. Nicholls. (Kentucky Sta. Bul. 275, pp. 441-526, figs. 13. Oct., 1926.)
- Variety tests of sugar cane at the Sugar Experiment Station. W. G. Taggart. (Louisiana Sta. Bul. 199, pp. 39. May, 1927.)
- Annual report of the agricultural experiment stations of Louisiana State University and Agricultural and Mechanical College for 1926. W. R. Dodson et al. pp. 123, figs. 5.
- The black army cutworm.--A blueberry pest. C. R. Phipps. (Maine Sta. Bul. 340, pp. 201-216, pls. 2. May, 1927.)
- Soil management studies.--A three-year rotation for western Maryland. A. G. McCall. (Maryland Sta. Bul. 287, pp. 119-131, fig. 1. Nov., 1926.)
- The salt requirement of tobacco grown in sand cultures. H. Liu. (Maryland Sta. Bul. 283, pp. 132-153, figs. 8. Nov., 1926.)
- The relation of internal cob discoloration to yield in corn.--Five years' results. R. A. Jehle, F. W. Oldenburg, and C. E. Temple. (Maryland Sta. Bul. 290, pp. 178-196, figs. 6. Mar., 1927.)

Farm taxes and assessments in Massachusetts. H. W. Yount. (Massachusetts Sta. Bul. 235, pp. 85-120, figs. 4. Apr., 1927.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and W. H. Parkin. (Massachusetts Sta. Met. Bul. 461, pp. 4. May, 1927.)

The influence of reaction of culture medium on growth of strawberry plants. L. S. Morris and J. W. Crist. (Michigan Sta. Tech. Bul. 77, pp. 16, figs. 6. May, 1927.)

Clothes-moths and carpet-beetles. E. McDaniel. (Michigan Sta. Circ. 104, pp. 20, fig. 1. Apr., 1927.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol 9, No. 4, pp. 131-166, figs. 8. May, 1927.)

Soils of Phillips County.--Soil reconnoissance of Montana.--Preliminary report. L. F. Gieseke. (Montana Sta. Bul. 199, pp. 61, pls. 2, fig. 1. Dec., 1926.)

Flax-wheat mixtures under irrigation. C. McKee. (Montana Sta. Bul. 202, pp. 16, figs. 6. Feb., 1927.)

Field experiments with seed corn treatments and crop stimulants. T. A. Kiesselbach. (Nebraska Sta. Bul. 218, pp. 15, figs. 2. May, 1927.)

Fortieth annual report of the agricultural experiment station of Nebraska, [1926]. W. W. Burr et al. pp. 42.

The pine tipmoth in the Nebraska National Forest. M. H. Swenk. (Nebraska Sta. Research Bul. 40, pp. 50, figs. 9. Apr., 1927.)

Further experiments with poisoned baits for grasshoppers. M. H. Swenk. (Nebraska Sta. Research Bul. 41, pp. 44. May, 1927.)

Freezing as a method of preserving plant tissue for the determination of nitrogenous fractions. G. T. Nightingale, W. R. Robbins, and L. G. Schermerhorn. (New Jersey Stas. Bul. 448, pp. 16. Mar., 1927.)

Fowl typhoid. F. R. Beaudette. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 7, pp. 4. Apr., 1927.)

Plans for a New Jersey laying house. E. R. Gross and D. B. Lucas. (New Jersey Stas. Hints to Poultrymen, vol. 15, no. 8, pp. 4, figs. 5. May, 1927.)

The effect of the constituents of alkali, fertilizers, and soil amendments on the permeability of certain fine-textured soils under irrigation. C. W. Botkin. (New Mexico Sta. Bul. 160 (Technical), pp. 61, figs. 16. Feb., 1927.)

The dwarf bearded iris: I. A preliminary working list. A. H. and A. A. Wright. (New York Cornell Sta. [Pub.], pp. 12. Feb., 1927.)



- A study of Pogoniris varieties. A. W. W. Sand. (New York Cornell Sta. Mem. 100, pp. 159, pls. 3, figs. 52. July, 1926.)
- The manufacture of Cheddar cheese from milk pasteurized by the Holder method. W. V. Price. (New York Cornell Sta. Mem. 105, pp. 36, fig. 1. Apr., 1927.)
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 12, No. 3, pp. 67-104, figs. 14. May-June, 1927.)
- The formation and development of the pistillate flowers of the pecan. D. V. Schuhart. (Oklahoma Sta. Bul. 163, pp. 7, figs. 2. Feb., 1927.)
- A report on investigations of farm problems.--The biennial report of the Oklahoma Agricultural Experiment Station for 1924-1926. C. T. Dowell et al. pp. 60.
- Japanese barnyard millet, a new forage for the coast section. A. E. Engbretson. (Oregon Sta. Circ. 80, pp. 4, figs. 2. Apr., 1927.)
- Electric water heaters for poultry. G. W. Kable and F. E. Fox. (Oregon Sta. Circ. 81, pp. 15, figs. 6. May, 1927.)
- Report of the Porto Rico Agricultural Experiment Station, 1925. D. W. May et al. pp. 40, figs. 13.
- Inspection of feeds. J. B. Smith and R. A. Greene. (Rhode Island Sta. Ann. Feed Insp. Circ., pp. 8. Apr., 1927.)
- Hybrid vigor in sorghum. A. B. Conner and R. E. Karper. (Texas Sta. Bul. 359, pp. 23, figs. 6. May, 1927.)
- Legumes for Texas beekeepers. H. B. Parks. (Texas Sta. Circ. 46, pp. 12, figs. 2. May, 1927.)
- Mutual irrigation companies in Utah. W. A. Hutchins. (Utah Sta. Bul. 199, pp. 51. May, 1927.)
- Maintaining potato yields by hill selection. G. Stewart and D. C. Tingey. (Utah Sta. Bul. 200, pp. 32, figs. 12. May, 1927.)
- Economic insects in some streams of northern Utah. J. G. Needham and R. O. Christensen. (Utah Sta. Bul. 201, pp. 36, figs. 43. Apr., 1927.)
- The beet leafhopper and curly-top situation in Utah. G. F. Knowlton. (Utah Sta. Circ. 65, pp. 12, figs. 7. May, 1927.)
- Physical curd character of milk and its probable relation to infant nutrition. R. L. Hill. (Utah Sta. Circ. 66, pp. 4, figs. 4. June, 1927.)
- The relation between dietary habits and health of children in rural sections of Virginia. E. A. Reynolds. (Virginia Sta. Bul. 250, pp. 39, figs. 4. Aug., 1926.)



The effects of rotations, fertilizers, lime and organic matter on the production of corn, wheat and hay. T. K. Wolfe and M. S. Kipps. (Virginia Sta. Bul. 253, pp. 50, figs. 32. Feb., 1927.)

New methods of bitter rot control. R. H. Hurt and F. J. Schneiderhan. (Virginia Sta. Bul. 254, pp. 22, figs. 7. Feb., 1927.)

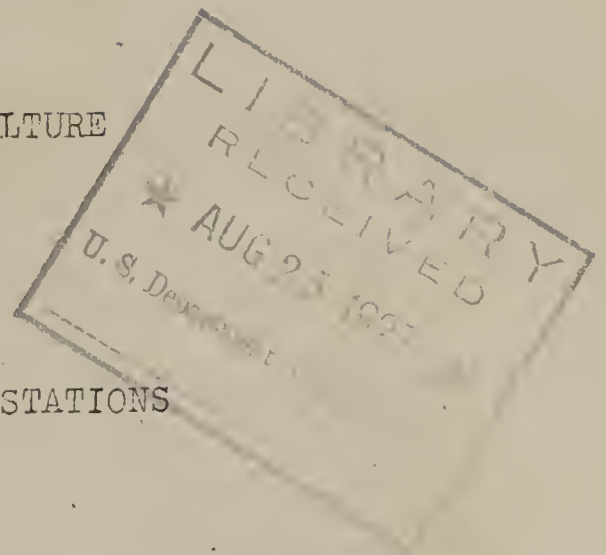
Report of the Virgin Islands Agricultural Experiment Station, 1926. J. B. Thompson et al. pp. 18, figs. 7.

Wool studies with Rambouillet sheep. F. S. Hultz. (Wyoming Sta. Bul. 154, pp. 97-123, figs. 2. Apr., 1927.)

Type in two-year-old beef steers. F. S. Hultz and S. S. Wheeler. (Wyoming Sta. Bul. 155, pp. 125-248, figs. 9. June, 1927.)



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Report of the Alaska Agricultural Experiment Stations, 1925. C.C. Georgeson. pp. 41, figs. 9.

Corn varieties in Arkansas. C.K. McClelland. (Arkansas Sta. Bul. 217, pp. 53, figs. 2. June, 1927.)

Strawberry production and marketing in Arkansas. C. O. Brannen and J. A. Dickey. (Arkansas Sta. Bul. 218, pp. 27, figs. 6. June, 1927.)

Cultivation experiments with corn. M. Nelson and C. K. McClelland. (Arkansas Sta. Bul. 219, pp. 26. June, 1927.)

The value of orange pulp for milk production. W. M. Regan and S. W. Mead. (California Sta. Bul. 427, pp. 16, figs. 3. May, 1927.)

Testing and handling milk and cream. (Colorado Sta. Bul. 320, pp. 48, figs. 30. Apr., 1927.)

Codling moth in the Grand Valley of Colorado. G. M. List and W. P. Yetter, jr. (Colorado Sta. Bul. 322, pp. 46, figs. 9. May, 1927.)

The thirty-first report on food products and the nineteenth report on drug products, 1926. --Part I, Tables of analyses of foods. E. M. Bailey. (Connecticut State Sta. Bul. 286, pp. 285-357 4 vii. Apr., 1927.)

The thirty-first report on food products and the nineteenth report on drug products, 1926. --Part II, Food and drug inspection. E. M. Bailey. (Connecticut State Sta. Bul. 287, pp. 359-391. May, 1927.)

Fruit jellies. --V, The rôle of pectin. --1, The viscosity and jellying properties of pectin solutions. P. B. Myers and G. L. Baker. (Delaware Sta. Bul. 149, pp. 46, figs. 13. May, 1927.)

Marketing of Delaware eggs. C. L. Benner and H. S. Gabriel. (Delaware Sta. Bul. 150, pp. 47, figs. 4. July, 1927.)

A preliminary report on the value of hairy vetch and crimson clover for green manure. R. P. Bledsoe. (Georgia Sta. Bul. 146, pp. 187-208. Jan., 1927.)



Work and progress of the agricultural experiment station for the year ended December 31st, 1926. (Idaho Sta. Bul. 149, pp. 52. Jan., 1927.)

Apple pomace silage for milk production. F. W. Atkeson and G. C. Anderson. (Idaho Sta. Bul. 150, pp. 24, figs. 2. May, 1927.)

The potato situation in Idaho. C. F. Wells and H. C. Dale. (Idaho Sta. Bul. 153, pp. 47, figs. 13. June, 1927.)

Soybean hay and sweet-clover pasture for growing purebred draft fillies. J. L. Edmonds and C. W. Crawford. (Illinois Sta. Bul. 292, pp. 485-500, figs. 10. June, 1927.)

Productiveness of certain varieties of corn in Illinois. G. H. Dungan and W. L. Burlison. (Illinois Sta. Bul. 294, pp. 569-583. June, 1927.)

Manual for meal planning and preparation clubs. G. B. Armstrong and N. Vasold. (Illinois Sta. Circ. 312, pp. 47, figs. 6. Jan., 1927.)

Good bread from Illinois soft wheat flours. R. A. Wardall and N. K. Fitch. (Illinois Sta. Circ. 317, pp. 12, figs. 2. June, 1927.)

A price differential for whole milk, based on fat test and feed cost of production, W. L. Gaines. (Illinois Sta. Circ. 318, pp. 8, fig. 1. June, 1927.)

Woodford County soils. R. S. Smith, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 36, pp. 58, pls. 2, figs. 5. June, 1927.)

Lee County soils. R. S. Smith, O. I. Ellis, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 37, pp. 66, pls. 3, figs. 8. June, 1927.)

Marketing Indiana onions. F. C. Gaylord. (Indiana Sta. Bul. 308, pp. 36, figs. 32. Mar., 1927.)

Indiana peaches. F. C. Gaylord. (Indiana Sta. Bul. 309, pp. 20, figs. 11. Apr., 1927.)

Feeding and marketing of early spring pigs on Indiana farms. O. G. Lloyd and G. E. Young. (Indiana Sta. Bul. 310, pp. 14, figs. 6. Apr., 1927.)

Grades for Indiana apples. F. C. Gaylord. (Indiana Sta. Circ. 141, pp. 12, figs. 2. Apr., 1927.)

Inspection of agricultural seeds. H. R. Kraybill, O. S. Roberts, R. O. Bitler, J. C. Kinsella, E. M. Patt, and A. P. Martin. (Indiana Sta. Circ. 142, pp. 106, fig. 1. Mar., 1927.)

Report of Moses Fell Annex Farm, Bedford, Indiana. H. J. Reed and H. G. Hall. (Indiana Sta. Circ. 143, pp. 16, figs. 6. June, 1927.)

Report of the Director [Indiana Station] for the year ending June 30, 1926. G. I. Christie and H. J. Reed. pp. 68, figs. 25.

Some statistical characterizations of the hog market. K. Bjorka. (Iowa Sta. Research Bul. 102, pp. 48, figs. 41. May, 1927.)

- Correlation of physical measurements with egg production in White Plymouth Rock hens. C. W. Knox and H. A. Bittenbender. (Iowa Sta. Research Bul. 103, pp. 49-64, figs. 10. June, 1927.)
- Some effects of method of application of fertilizers on corn and soils. F. B. Smith. (Iowa Sta. Research Bul. 104, pp. 65-104, figs. 37. June, 1927.)
- Income to Iowa agriculture 1920 to 1926. K. Bjorka. (Iowa Sta. Circ. 104, pp. 8, fig. 1. June, 1927.)
- Raspberry diseases in Iowa. J. E. Melhus and O. H. Elmer. (Iowa Sta. Circ. 105, pp. 15, figs. 7. June, 1927.)
- Soil survey of Iowa.--Greene County soils. W. H. Stevenson, P. E. Brown, et al. (Iowa Sta. Soil Survey Rpt. 44, pp. 72, pl. 1, figs. 9. Apr., 1927.)
- Soil survey of Iowa.--Des Moines County soils. W. H. Stevenson, P. E. Brown, et al. (Iowa Sta. Soil Survey Rpt. 45, pp. 72, pl. 1, figs. 8. May, 1927.)
- Soil survey of Iowa.--Benton County soils. W. H. Stevenson, P. E. Brown, et al. (Iowa Sta. Soil Survey Rpt. 46 pp. 72, pls. 2, figs. 8. June, 1927.)
- Blackhull wheat in Kansas. S. C. Salmon, C. O. Swanson, and H. H. Laude. (Kansas Sta. Bul. 241, pp. 24, figs. 3. June, 1927.)
- Growing flax in Kansas. H. H. Laude and W. E. Grimes. (Kansas Sta. Circ. 133, pp. 10, fig. 1. Apr., 1927.)
- The Mexican bean beetle. H. H. Jewett. (Kentucky Sta. Circ. 36, pp. 18, figs. 7. Mar., 1927.)
- The striped cucumber beetle. H. H. Jewett. (Kentucky Sta. Circ. 37, pp. 21-34, figs. 5. Mar., 1927.)
- Foods and drugs. J. M. Bartlett. (Maine Sta. Off. Insp. 123, pp. 16. Apr., 1927.)
- The milk supply of Massachusetts.--I, Local production and imports. II, Consumption and sources of supply in Springfield and vicinity. III, Milk production and shipped-in feed. R. J. McFall. (Massachusetts Sta. Bul. 236, pp. 123-134, fig. 1. May, 1927.)
- Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and E. H. Wheeler. (Massachusetts Sta. Met. Bul. 462, pp. 4. June, 1927.)
- Tests for incipient putrefaction of meat. R. H. Weaver. (Michigan Sta. Tech. Bul. 79, pp. 28. June, 1927.)
- Forest planting in Michigan. A. K. Chittenden. (Michigan Sta. Spec. Bul. 163, pp. 24, figs. 6. June, 1927.)



- Annual report [Michigan Sta.] for the fiscal year ending June 30, 1926. R. S. Shaw et al. pp. 23.
- The marketing attitudes of Minnesota farmers. C. C. Zimmerman and J. D. Black. (Minnesota Sta. Tech. Bul. 45, pp. 54, figs. 6. Dec., 1926.)
- Testing fertilizers for Missouri farmers; 1926. L. D. Haigh. (Missouri Sta. Bul. 251, pp. 54, fig. 1. Apr., 1927.)
- Fruit thinning in Missouri. A. E. Murneek. (Missouri Sta. Bul. 252, pp. 16, figs. 9. May, 1927.)
- Kentucky bluegrass in Missouri. B. M. King. (Missouri Sta. Circ. 155, pp. 11, figs. 4, Apr., 1927.)
- The great value of meat in the diet. B. K. Whipple. (Missouri Sta. Circ. 156, pp. 4. Apr., 1927.)
- The horse and mule outlook. B. H. Frame. (Missouri Sta. Circ. 157, pp. 12, figs. 3. Apr., 1927.)
- Biennial report of the Missouri State Fruit Experiment Station, Mountain Grove, Mo., 1925-1926. F. W. Faurot. pp. 8.
- Nebraska tractor tests, 1920-1926.--Rules for official tractor testing and the Nebraska tractor law. (Nebraska Sta. Bul. 220, pp. 38, fig. 1. June, 1927.)
- Protein as a wheat price factor. H. Hedges. (Nebraska Sta. Bul. 221, pp. 11. July, 1927.)
- Babcock testing -- principles and uses. L. K. Crowe and H. P. Davis. (Nebraska Sta. Circ. 35, pp. 27, figs. 11. Apr., 1927.)
- Results of seed and legume inoculant inspection for 1926.--Part I, Seed inspection. J. G. Fiske. (New Jersey Stas. Bul. 447, pp. 92, fig. 1. Feb., 1927.)
- Analyses of commercial feeding stuffs and registrations for 1927. C. S. Cathcart. (New Jersey Stas. Bul. 449, pp. 96. June, 1927.)
- A comparison of dusts and spray to control fungous diseases of the cranberry. B. F. Driggers. (New Jersey Stas. Bul. 450, pp. 16. Apr., 1927.)
- The value of summer and fall egg production. C. S. Platt. (New Jersey Stas. Hints to Poultrymen, Vol. 15, No. 9, pp. 4, figs. 2. June, 1927.)
- Blueberry culture. C. S. Beckwith and S. Coville. (New Jersey Stas. Circ. 200, pp. 28, figs. 21. May, 1927.)
- Forty-seventh annual report of the New Jersey State Agricultural Experiment Station and the thirty-ninth annual report of the New Jersey Agricultural College Experiment Station for the year ending June 30, 1926. J. G. Lipman et al. pp. xxix + 563, pls. 10, figs. 70.



Preliminary report on the supplemental feeding of range cattle in New Mexico. J. L. Lantow. (New Mexico Sta. Bul. 161, pp. 13, figs. 2. Apr., 1927.)

Sugar beet investigations. J. C. Overpeck. (New York State Sta. Bul. 162, pp. 16, figs. 4. June, 1927.)

The peach cottony scale. S. W. Harman. (New York State Sta. Bul. 542, pp. 19, pls. 3, figs. 5. Mar., 1927.)

Mosaic of raspberries. W. H. Rankin. (New York State Bul. 543, pp. 60, pls. 8, Mar., 1927.)

Controlling raspberry mosaic. W. H. Rankin. (New York State Sta. Bul. 543, pop. ed., pp. 7, pls. 2, fig. 1. June, 1927.)

Mazzard and Mahaleb rootstocks for cherries. G. H. Howe. (New York State Sta. Bul. 544, pp. 14, pls. 8. Mar., 1927.)

Anthocyanins appearing in the pigment of Isabella grapes. R. J. Anderson and F. P. Nabenhauer. (New York State Sta. Tech. Bul. 123, pp. 13. Dec., 1926.)

Studies with phytosterols: I, The phytosterols of rice bran fat. F. P. Nabenhauer and R. J. Anderson. II, The phytosterols of corn oil. R. J. Anderson and R. L. Shriner. III, The phytosterols of wheat germ oil. R. J. Anderson, R. L. Shriner, and G. O. Burr. IV, The distribution of dihydrostosterol in plant fats. R. J. Anderson, F. P. Nabenhauer, and R. L. Shriner. V, The production of certain plant sterols. R. J. Anderson and R. L. Shriner. VI, Properties of cholesterol obtained from different sources. R. J. Anderson. (New York State Sta. Bul. 124, pp. 67. Dec., 1926.)

Physical properties of commercial dusting and spraying materials. L. R. Streeter. (New York State Sta. Tech. Bul. 125, pp. 12. Apr., 1927.)

Annual variation in apple yields -- A possible cause. R. C. Collison and J. D. Harlan. (New York State Sta. Tech. Bul. 126, pp. 16, figs. 3. Apr., 1927.)

An experiment in breeding plums. R. Wellington. (New York State Sta. Tech. Bul. 127, pp. 61. Apr., 1927.)

Directions for the preparation of plant specimens submitted for identification. (New York State Sta. Circ. 92, pp. 3, fig. 1. May, 1927.)

Clean and cold milk. R. S. Breed. (New York State Sta. Circ. 93, pp. 4, figs. 4. June, 1927.)

Bacillary white diarrhea. B. F. Kaupp and R. S. Dearstyne. (North Carolina Sta. Tech. Bul. 29, pp. 47, figs. 17. June, 1927.)

Protein survey of the North Dakota wheat crops of 1925 and 1926. C. E. Mangels, T. E. Stoa, and W. Guy. (North Dakota Sta. Bul. 208, pp. 14, figs. 5. Mar., 1927.)

Collected studies on hog cholera. L. M. Roderick and A. F. Schalk. (North Dakota Sta. Bul. 210, pp. 24. Apr., 1927.)

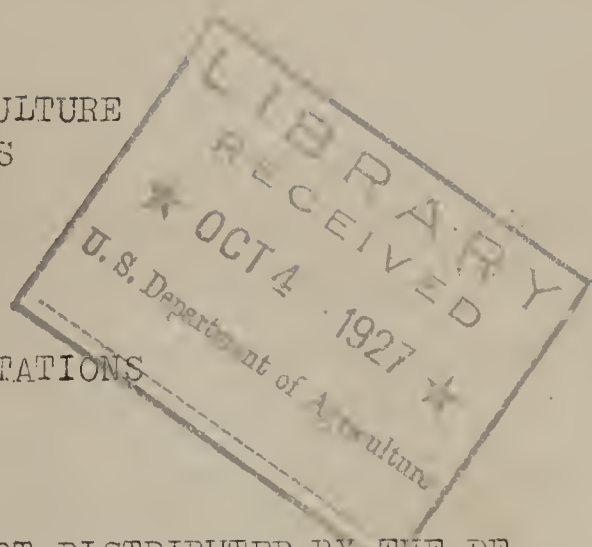
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 12, No. 4, pp. 107-136, figs. 5. July-Aug., 1927.)
- Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 1, No. 3. July, 1927.)
- Fertilization of truck crops in rotation. W. B. Mack. (Pennsylvania Sta. Bul. 210, pp. 31, fig. 1. Feb., 1927.)
- The production of gas by Salmonella pullorum. K. Goodner and H. G. May. (Rhode Island Sta. Bul. 208, pp. 12, fig. 1. May, 1927.)
- Wheat in South Dakota. E. W. Hardies and A. N. Hume. (South Dakota Sta. Bul. 222, pp. 24, figs. 12. Apr., 1927.)
- What farmers think of farming. W. F. Kumlien. (South Dakota Sta. Bul. 223, pp. 31, figs. 9. Apr., 1927.)
- Plant introductions (1895-1927). N. E. Hansen. (South Dakota Sta. Bul. 224, pp. 64, figs. 4. May, 1927.)
- South Dakota farm production and prices, 1890-1926, with annual summary for 1925-1926. O. L. Dawson. (South Dakota Sta. Bul. 225, pp. 111, figs. 23. June, 1927.)
- The recovery of soil nitrogen under various conditions as measured by lysimeters of different depths. C. A. Mooers, W. H. MacIntire, and J. B. Young. (Tennessee Sta. Bul. 138, pp. 30, figs. 9. June, 1927.)
- Thirty-ninth annual report [Tennessee Sta.], 1926. C. A. Mooers et al. pp. 44, figs. 9.
- Varieties of cotton for the Gulf Coastal Plains of Texas. D. T. Killough and V. E. Hafner. (Texas Sta. Bul. 354, pp. 39. Mar., 1927.)
- Relation of the potash removed by crops to the active, total, acid-soluble, and acid-insoluble potash of the soil. G. S. Fraps. (Texas Sta. Bul. 355, pp. 33, figs. 7. May, 1927.)
- Effect of potash fertilizer on the carrying quality of tomatoes. (A preliminary report.) W. B. Lanham. (Texas Sta. Bul. 357, pp. 38, figs. 6. May, 1927.)
- The effect of spacing and time of thinning on the yield, growth, and fruiting characteristics of the cotton plant in 1925. R. H. Stansel. (Texas Sta. Bul. 360, pp. 38, figs. 13. June, 1927.)
- Some observations on winter injury in Utah peach orchards, December, 1924. T. H. Abell. (Utah Sta. Bul. 202, pp. 28, figs. 15. June, 1927.)
- Rules and regulations for the fourth Utah intermountain egg-laying contest. B. Alder. (Utah Sta. Circ. 67, pp. 4, fig. 1. June, 1927.)
- Summary of publications. B. Condit-Pittman. Utah Sta. Circ. 68, pp. 8. July, 1927.)
- Rural social organization in Whatcom County. E. A. Taylor and F. R. Yoder. (Washington Col. Sta. Bul. 215, pp. 53, figs. 13. June, 1927.)
- An economic study of poultry farming in western Washington. G. Severance. (Washington Col. Sta. Bul. 216, pp. 51, figs. 10. June, 1927.)



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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
E W ALLEN CHIEF

LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
DURING AUGUST 1927



Note:—The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Zeolite formation and base-exchange reactions in soils. P. S. Burgess and W. T. McGeorge. (Arizona Sta. Tech. Bul. 15, pp. 359-399, figs. 7. May, 1927.)

Apricots. H. R. Wellman. (California Sta. Bul. 423, pp. 42, figs. 22. May, 1927.)

Economic status of the grape industry. S. W. Shear and H. F. Gould. (California Sta. Bul. 429, pp. 126, figs. 30. June, 1927.)

The farming business in Idaho. (Being Part I of a tentative report of the agricultural situation, based on an economic survey of the production and marketing of Idaho farm products.) (Idaho Sta. Bul. 151, pp. 125, figs. 36. July, 1927.)

The beet leafhopper (Eutettix tenellus Baker).—A survey in Idaho. R. W. Haegele. (Idaho Sta. Bul. 156, pp. 28, figs. 13. July, 1927.)

Adjusting hog production to market demand. F. F. Elliott. (Illinois Sta. Bul. 293, pp. 503-567, figs. 18. June, 1927.)

Costs of storing corn on the farm. L. F. Rickey. (Illinois Sta. Bul. 295, pp. 16, figs. 2. June, 1927.)

Construction of self-feeders and their use in pork production. W. E. Carrol and W. A. Foster. (Illinois Sta. Circ. 319, pp. 23, figs. 28. June, 1927.)

Marketing Kentucky livestock. E. C. Johnson. (Kentucky Sta. Bul. 278, pp. 43-102, figs. 12. Apr., 1927.)

Temporary pastures for fattening spring lambs. L. J. Horlacher. (Kentucky Sta. Circ. 38, pp. 37-49, figs. 4. Mar., 1927.)

Johne's disease, infectious diarrhea of cattle. H. Morris. (Louisiana Stas. Bul. 200, pp. 8, figs. 3. June, 1927.)

The thirty-ninth annual report of the University of Maryland Agricultural Experiment Station, 1925-1926. pp. XVI + 222, figs. 108. H. J. Patterson et al.

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and E. H. Wheeler. (Massachusetts Sta. Met. Bul. 463, pp. 4. July, 1927.)



- Studies in orchard management, with special reference to cherry production. A. J. Rogers, jr. (Michigan Sta. Spec. Bul. 166, pp. 43, figs. 4. May, 1927.)
- Virus diseases of raspberries. C. W. Bennett. (Michigan Sta. Tech. Bul. 80, pp. 38, pls. 11. May, 1927.)
- Storage and transportational diseases of vegetables due to suboxidation. R. Nelson (Michigan Sta. Tech. Bul. 81, pp. 38, pls. 8, Dec., 1926.)
- Commercial casein. A. C. Weimar and J. Taylor. (Michigan Sta. Tech. Bul. 82, pp. 16. June, 1927.)
- A study of the sanitary significance of air in relation to ice cream. F. W. Fabian (Michigan Sta. Tech. Bul. 83, pp. 30, fig. 1. July, 1927.)
- Farm lease systems in Michigan. F. T. Riddell. (Michigan Sta. Circ. 102, pp. 18, figs. 1. May, 1927.)
- Sweet corn. G. E. Starr. (Michigan Sta. Circ. 105, pp. 19, figs. 9. May, 1927.)
- Inoculation of alfalfa on lime-deficient sandy soils: Soil transfer vs. use of cultures. F. J. Alway and G. H. Nesom. (Minnesota Sta. Tech. Bul. 46, pp. 62, figs. 10. Mar., 1927.)
- Thirty-fourth annual report, Minnesota Agricultural Experiment Station, July 1, 1925, to June 30, 1926. W. C. Coffey. pp. 55.
- Pastures for hogs. L. A. Weaver. (Missouri Sta. Circ. 158, pp. 8, fig. 1. May, 1927.)
- Preparing and cooking beef. J. A. Cline and R. S. Godfrey. (Missouri Sta. Circ. 159, pp. 4. June, 1927.)
- The European corn borer. L. Haseman. (Missouri Sta. Circ. 160, pp. 8, figs. 5. July, 1927.)
- Public school dormitories for rural children in Montana. J. E. Richardson and J. W. Barger. (Montana Sta. Bul. 201, pp. 68, figs. 11. Feb., 1927.)
- Cost of feeding the Nebraska farm family. J. O. Rankin. (Nebraska Sta. Bul. 219, pp. 36, figs. 4. June, 1927.)
- Stem rust in Nebraska.--Part I, General survey of sources. Part II, Identification of the physiologic forms of Puccinia graminis from various sources. G. L. Peltier and A. F. Thiel. (Nebraska Sta. Research Bul. 42, pp. 40, figs. 13. July, 1927.)
- Feeding dairy cattle, C. B. Bender. (New Jersey Stas. Bul. 438, pp. 24, figs. 5. July, 1927.)
- Poison ivy. J. G. Fiske. (New Jersey Stas. Circ. 206, pp. 8, figs. 4. July, 1927.)

- The painting and preservation of poultry buildings. W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 10, pp. 4, fig. 1. July, 1927.)
- Poultry management at the New Jersey egg-laying contests. W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, vol. 15, No. 11, pp. 4, fig. 1. Aug., 1927.)
- The fattening of steers on dry-land crops. J. L. Lantow, W. H. Black, and D. R. Burnham. (New Mexico Sta. Bul. 156, pp. 17, figs. 5. June, 1926.)
- A preliminary study of 127 New Mexico ranches in 1925. A. L. Walker and J. L. Lantow. (New Mexico Sta. Bul. 159, pp. 107, figs. 23. Jan., 1927.)
- Profitable farm combinations. G. W. Forster and R. J. Saville. (North Carolina Sta. Bul. 252, pp. 46, figs. 14. June, 1927.)
- Apple pollination studies in Ohio. F. S. Howlett. (Ohio Sta. Bul. 404, pp. 84, figs. 13, Apr., 1927.)
- Economic values of different forms and amounts of agricultural lime. J. W. White and F. J. Holben. (Pennsylvania Sta. Bul. 211, pp. 23, figs. 7. Mar., 1927.)
- The degree of response of different crops to various phosphorus carriers. B. L. Hartwell and S. C. Damon. (Rhode Island Sta. Bul. 209, pp. 19, fig. 1. July, 1927.)
- Some effects of late defoliation on cotton. C. A. Ludwig. (South Carolina Sta. Bul. 238, pp. 23, figs. 11. May, 1927.)
- Economics of producing and marketing South Carolina peaches. W. C. Jensen. (South Carolina Sta. Bul. 239, pp. 51, figs. 13, June, 1927.)
- An agricultural production, consumption, and marketing study in the Greenville, South Carolina, trade area. F. H. Robinson and W. C. Jensen. (South Carolina Sta. Bul. 240, pp. 83, figs. 11. June, 1927.)
- Large-scale cotton production in Texas. L. P. Gabbard and F. R. Jones. (Texas Sta. Bul. 362, pp. 24, figs. 12. July 1927.)
- An economic study of the dairy industry in Texas. G. L. Crawford. (Texas Sta. Bul. 358, pp. 36, figs. 13, June, 1927.)
- Spraying for the control of fig rust. W. B. Lanham, R. E. Wyche, and R. E. Stansel. (Texas Sta. Circ. 47, pp. 8, figs. 3, July, 1927.)
- Rural organizations in relation to rural life in Virginia with special reference to organization attitudes. W. E. Garnett. (Virginia Sta. Bul. 256, pp. 110, figs. 20. May, 1927.)
- The bindweed. E. G. Schafer. (Washington Col. Sta. Pop. Bul. 137, pp. 19, figs. 6. June, 1927.)
- Pasture improvement. F. E. Odland, R. J. Garber, and D. R. Dodd. (West Virginia Sta. Circ. 47, pp. 16, figs. 6, June 1927.)



From baby chicks to finished pullets. Mrs. G. R. Shoup. (Western Washington Sta. Pop. Bul. 1-W, pp. 15, figs. 3. Feb., 1927.)

Commercial brooder equipment and its operation. G. R. Shoup. (Western Washington Sta. Pop. Bul. 2-W, pp. 18, figs. 9. Feb., 1927.)

Feeding market egg layers for winter production. G. R. and Mrs. G. R. Shoup. (Western Washington Sta. Pop. Bul. 3-W, pp. 8, fig. 1. Oct., 1926.)

The puyallup laying house. G. R. and Mrs. G. R. Shoup. (Western Washington Sta. Pop. Bul. 4-W, pp. 52, figs. 21. May, 1927.)

Poultry diseases in Washington. C. E. Sawyer and S. S. Worley. (Western Washington Sta. Pop. Bul. 5-W, pp. 52, figs. 22. Aug., 1927.)

Range sheep production on the red desert and adjoining areas. A. F. Vass and H. Bearson. (Wyoming Sta. Bul. 156, pp. 87, figs. 28. July, 1927.)

Trees on the farm. W. L. Quayle. (Wyoming Sta. Circ. 20, pp. 4, Mar., 1927.)

The service of the State experiment farms--revised edition. W. J. Quayle. (Wyoming Sta. State Farms Bul. 7, pp. 75, figs. 32. Jan., 1927.)

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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
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LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
DURING SEPTEMBER 1927

Note:-The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

The inheritance of red plant color in cotton. J. O. Ware. (Arkansas Sta. Bul. 220, pp. 80. July, 1927.)

Effect of different dates of planting corn on yields. C. E. McClelland. (Arkansas Sta. Bul. 223, pp. 14, fig. 1. Aug., 1927.)

The biology of the birch leaf skeletonizer (Bucculatrix canadensisella Chambers) R. B. Friend. (Connecticut State Sta. Bul. 228, pp. 395-485, pls. 2, figs. 23. June, 1927.)

Report on inspection of commercial feeding stuffs, 1926-1927. E. W. Bailey. (Connecticut State Sta. Bul. 229, pp. 491-576 + xviii. Aug., 1927.)

A study of fowl paralysis (neuro-lymphomatosis gallinarum) A. M. Poppenheimer, L. C. Dunn, and W. C. Cone. (Connecticut Storrs Sta. Bul. 143, pp. 187-290, pls. 18, figs. 12. Dec., 1926.)

The use of artificial lights on White Leghorn pullets to increase winter egg production. A. E. Tompkins and C. W. Mumford. (Delaware Sta. Bul. 151, pp. 15, figs. 5. Aug., 1927.)

Thread blight, a fungous disease of plants caused by Corticium stoweyi Port. G. F. Weber. (Florida Sta. Bul. 186, pp. 143-162, figs. 3. Mar., 1927.)

Waste Pimiento pepper for coloring egg yolks. M. A. Morgan and J. C. Woodroof. (Georgia Sta. Bul. 147, pp. 209-213, pls. 2. July, 1927.)

The dairy situation in Idaho. F. W. Atkeson, D. L. Tourt, G. L. Sulerud, and E. H. Critchfield. (Idaho Sta. Bul. 152, pp. 83, figs. 36. July, 1927.)

The snowy tree cricket, its injury to prunes and methods of combating it. C. Wake-land. (Idaho Sta. Bul. 153, pp. 29, pls. 4. July, 1927.)

The physiological effect of feeding rations of Canadian field peas on growth and reproduction in swine. J. E. Nordby and R. S. Snyder. (Idaho Sta. Circ. 48, pp. 6. June, 1927.)

Crop yields from Illinois soil experiment fields in 1926. T. C. Beuer. (Illinois Sta. Bul. 296, pp. 19-40, fig. 1. Aug., 1927.)

Commercial feeding stuffs in Kentucky in 1926. J. D. Turner, H. D. Spears, W. G. Merrill, and F. M. Anderson, jr. (Kentucky Sta. Bul. 279, pp. 101-111. Apr., 1927.)

Thirty-ninth annual report of the agricultural experiment station of the University of Kentucky, Lexington, Ky., for the year 1926. Part I, Report of the Director. Meteorological summaries. T. P. Cooper et al. pp. 56.

Infection of potato tubers by Alternaria solani in relation to storage conditions. L. C. Pratz and R. Fouse. (Maine Sta. Bul. 137, pp. 166-182, figs. 9. June, 1927.)

Control of bacillary white diarrhea, 1926-1927. H. Van Roekel. (Massachusetts Sta. Control Ser. Bul. 39, pp. 8, July, 1927.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 10, No. 1, pp. 30, fig. 1. Aug., 1927.)

Cooperative egg and poultry assembling units in Minnesota. H. B. Price and G. A. Sprague. (Minnesota Sta. Bul. 233, pp. 37, figs. 3. Apr., 1927.)

Vicinism or natural crossing in cotton. H. B. Brown. (Mississippi Sta. Tech. Bul. 13, pp. 14. Mar., 1927.)

The sources of net income.--A comparison of south Mississippi farms having high and low net cash incomes--1924. L. M. Long. (Mississippi Sta. Circ. 73, pp. 7. July, 1927.)

Vetch. C. T. Ames. (Mississippi Sta. Circ. 74, pp. 6. Sept., 1927.)

Mississippi Agricultural Experiment Station thirty-ninth annual report for the fiscal year ending June 30, 1926. J. R. Ricks et al. pp. 63.

Physiology of reproduction in horticultural plants.--II, The physiological basis of intermittent sterility with special reference to the spider flower. A. E. Mummeck. (Missouri Sta. Research Bul. 103, pp. 37, figs. 14. June, 1927.)

Larger markets for Montana wheat. E. J. Bell, jr. (Montana Sta. Circ. 138, pp. 10. Aug., 1927.)

Agricultural problems in Montana.--Thirty-third annual report of the agricultural experiment station July 1, 1925, to June 30, 1926. J. J. Linfield. pp. 36, figs. 2.

Annual report of the board of control [Nevada Station] for the fiscal year ending June 30, 1926. A. E. Fosen et al. pp. 30, figs. 4.

Julio culture. H. M. Bickart. (New Jersey Sta. Circ. 205, pp. 23, figs. 6. Sept., 1927.)

Composition and cost of commercial feeding stuffs in 1926. A. M. Clark et al. (New York State Sta. Bul. 340, pp. 10. June, 1927.)



The effect of the use of salt in cooking vegetables. F. R. Lamm and E. S. Minton. (Chic. Sta. Bul. 406, pp. 17. July, 1927)

The Bi-monthly Bulletin. (Ohio Sta. Bimc. Bul., vol. 12, No. 5, pp. 127-168, figs. 9. Sept.-Oct., 1927.)

Current Farm Economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 1, No. 4, pp. 4. Sept., 1927.)

Walnut drying and packing in Oregon. E. H. Wiegand. (Oregon Sta. Bul. 227, pp. 28, figs. 10. May, 1927.)

Investigations on the harvesting and handling of Bosc pears from the Rogue River Valley. E. Hartman, J. P. Magness, T. C. Reimer, and M. H. Haller. (Oregon Sta. Bul. 223, pp. 30, figs. 4. July, 1927.)

A method for testing moisture in dried prunes. E. H. Wiegand and D. E. Pullis. (Oregon Sta. Circ. 82, pp. 8, figs. 3. June, 1927.)

Drainage and improvement of white land and similar wet land (Revision of Circular 47). W. L. Fowers. (Oregon Sta. Circ. 83, pp. 16, figs. 12. June, 1927.)

Analyses of commercial fertilizers. R. M. Brackett and D. H. Henry. (South Carolina Sta. Bul. 241, pp. 63. Aug., 1927.)

Select varieties of wheat. C. A. Mooers. (Tennessee Sta. Circ. 15, pp. 2. Sept., 1927.)

Seed treatment for wheat, barley and oat smuts. C. D. Snodgrass. (Tennessee Sta. Circ. 16, pp. 2. Sept., 1927.)

The work of the State apicultural research laboratory, 1919-1926. H. B. Parks. (Texas Sta. Bul. 301, pp. 10, figs. 4. Aug., 1927.)

Sorgo silage, sorgo fodder and cottonseed hulls as roughages in rations for fattening calves. (Texas Sta. Bul. 363, pp. 36, figs. 5. July, 1927.)

Varieties of cotton in northwest Texas. E. E. Karper and D. L. Jones. (Texas Sta. Bul. 364, pp. 59, figs. 8. Aug., 1927.)

Truck crop investigations.--Kale fertilizers. H. H. Zimmerley and W. M. Parker. (Virginia Truck Sta. Bul. 34, pp. 467-476. Jan., 1926.)

Truck crop investigations.--Eggplant culture. W. M. Parker. (Virginia Truck Sta. Bul. 55, pp. 479-487, figs. 2. Apr., 1926.)

Truck crop investigations.--A new pest of spinach in Virginia--preliminary report. F. W. Poos. (Virginia Truck Sta. Bul. 36, pp. 491-497, fig. 1. July, 1926.)

Truck crop investigations.--Soil acidity in relation to spinach production. H. H. Zimmerley. (Virginia Truck Sta. Bul. 37, pp. 501-521, figs. 3. Oct., 1926.)



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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
E. W. ALLEN CHIEF

LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
DURING OCTOBER 1927

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

How to make and save money on the farm. G. W. Carver. (Alabama Tuskegee Sta. Bul. 39, pp. 16. Aug., 1927.)

Range grasses of California. A. W. Sampson and A. Chase. (California Sta. Bul. 430, pp. 94, figs. 78. Sept., 1927.)

Raisin by-products and bean screenings as feeds for fattening lambs. R. T. Miller. (California Sta. Bul. 431, pp. 15, figs. 4. Sept., 1927.)

Some economic problems involved in the pooling of fruit. H. E. Erdman and H. R. Weliman. (California Sta. Bul. 432, pp. 46, figs. 2. Sept., 1927.)

Power requirements of electrically driven dairy manufacturing equipment. A. W. Far-  
rall. (California Sta. Bul. 433, pp. 20, figs. 8. Sept., 1927.)

Investigations on the use of fruits in ice cream and ices. G. D. Turnbow and W. V. Cruess. (California Sta. Bul. 434, pp. 38, figs. 4. Sept., 1927.)

The problem of securing closer relationship between agricultural development and ir-  
rigation construction. D. Weeks and C. H. West. (California Sta. Bul. 435, pp.  
99, figs. 24. Sept., 1927.)

I, The Kadota fig. I. J. Condit. II, Kadota fig products. W. V. Cruess. (Calif-  
ornia Sta. Bul. 436, pp. 45, figs. 12. Oct., 1927.)

The Connecticut apple industry. I. G. Davis, F. V. Waugh, and H. McCarthy. (Con-  
necticut Storrs Sta. Bul. 145, pp. 23-106, figs. 16. May, 1927.)

Soil temperature studies with cotton. A. F. Camp and M. N. Walker. (Florida Sta.  
Bul. 189, pp. 32, figs. 13. Sept., 1927.)

The stimulation of plant response on the raw peat soils of the Florida Everglades  
through the use of copper sulphate and other chemicals. (A preliminary report.)  
R. V. Allison, O. C. Bryan, and J. H. Hunter. (Florida Sta. Bul. 190, pp. 33-80,  
figs. 21. Sept., 1927.)

The poultry situation in Idaho. R. T. Parkhurst and G. L. Sulerud. (Idaho Sta. Bul.  
154, pp. 47, figs. 15. July, 1927.)



Ogle County Soils. R. E. Smith, O. I. Ellis, E. E. LeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 32, pp. 60, pls. 3, figs. 6. Sept., 1927.)

A year's progress in solving farm problems of Illinois. Annual report of Illinois Agricultural Experiment Station for the year ended June 30, 1927. Compiled and edited by F. J. Gilhool. pp. 283, figs. 53.

The black-root disease of radish. J. B. Kendrick. (Indiana Sta. Bul. 311, pp. 32, figs. 13. June, 1927.)

Tattering western lambs. C. Harper. (Indiana Sta. Bul. 312, pp. 11, fig. 1. May, 1927.)

Anemia in young pigs. L. P. Doyle, F. P. Mathews, and R. A. Whiting. (Indiana Sta. Bul. 313, pp. 13, figs. 11. June, 1927.)

Feeding western lambs. C. Harper. (Indiana Sta. Circ. 144, pp. 12, figs. 8. July, 1927.)

Thirteenth annual report of the creamery license division for the year ending March 31, 1927. T. H. Finney. (Indiana Sta. Circ. 145, pp. 16, figs. 2. June, 1927.)

Commercial fertilizers. F. R. Kraybill, O. S. Roberts, O. W. Ford, I. E. Horat, and M. H. Thornton. (Indiana Sta. Circ. 146, pp. 34, fig. 1. June, 1927.)

Financial record for country creameries. F. Rebotka. (Iowa Sta. Circ. 106, pp. 32 figs. 7. Aug., 1927.)

Crop production in southwestern Kansas. W. H. Colver and F. A. Wagner. (Kansas Sta. Bul. 233, pp. 30, figs. 7. May, 1927.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and R. Baumgartner. (Massachusetts Sta. Met. Bul. 435, pp. 4. Sept., 1927.)

Management methods in the raspberry plantation. A. E. Teske and W. R. Saraner. (Michigan Sta. Spec. Bul. 165, pp. 34, figs. 5. Sept., 1927.)

Alfalfa in Nebraska. T. A. Kierschbaum and A. Anderson. (Nebraska Sta. Bul. 222, pp. 27, figs. 3. July, 1927.)

Wash Report for poultry. C. S. Platt. (New Jersey Sta. Hints to Poultrymen, vol. 15, no. 12, pp. 4, figs. 4. Sept., 1927.)

The stalk borer.--Its history in New Hampshire, 1925-1926. F. R. Lowry. (New Hampshire Sta. Tech. Bul. 31, pp. 23, fig. 1. June, 1927.)

Catalase in relation to growth and to other changes in plant tissue. J. E. Knott. (New York Cornell Sta. Ann. 106, pp. 63, figs. 11. May, 1927.)

Experimental studies of cultivation of certain vegetable crops. H. C. Thomson. (New York Cornell Sta. Ann. 107, pp. 72, figs. 57. May, 1927.)

Studies of the influence of menhaden-fish meal on calcification in growing animals. L. A. Maynard and R. C. Miller. (New York Cornell Sta. Mem. 108, pp. 23, figs. 3. June, 1927.)

Experiments with cottonseed meal in mushroom culture. F. C. Stewart. (New York State Sta. Bul. 546, pp. 38, pl. 1. July, 1927.)

Further studies on the methods of gram staining. G. J. Hucker and H. J. Conn. (New York State Sta. Tech. Bul. 128, pp. 34. July, 1927.)

The general soil flora. H. J. Conn. The bacterial flora of four soils compared by the direct microscopic method. L. M. Thatchner and H. J. Conn. (New York State Sta. Tech. Bul. 129, pp. 27. July, 1927.)

An experimental study of sweet clover. C. J. Willard. (Ohio Sta. Bul. 405, pp. 84, figs. 25. June, 1927.)

Fruit varieties in Ohio, II. J. S. Shoemaker. (Ohio Sta. Bul. 407, pp. 13, figs. 7. Aug., 1927.)

Chemical fertilizers for greenhouse lettuce. J. H. Gourley. (Ohio Sta. Bul. 408, pp. 22, figs. 5. Aug., 1927.)

Market movements of livestock in Ohio. G. F. Henning. (Ohio Sta. Bul. 409, pp. 54, figs. 26. Aug., 1927.)

Ringling applied to the commercial orchard. J. H. Gourley and F. S. Howlett. (Ohio Sta. Bul. 410, pp. 24, figs. 9. Sept., 1927.)

Varieties of apples in Ohio, II. C. W. Ellenwood. (Ohio Sta. Bul. 411, pp. 64, figs. 2. Oct., 1927.)

The combine harvester on Oklahoma farms, 1926. J. O. Ellsworth and A. W. Baird. (Oklahoma Sta. Bul. 162, pp. 15. Apr., 1927.)

Utilization of the grain in kafir and cane silage by dairy cows. R. B. Becker and W. D. Gallup. (Oklahoma Sta. Bul. 164, pp. 7. Apr., 1927.)

Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 1, No. 5, pp. 4. Oct., 1927.)

Cattle marketing investigations at Portland, Oregon. H. A. Lindgren and F. L. Potter. (Oregon Sta. Bul. 229, pp. 16, figs. 9. Aug., 1927.)

The migration of Bacillus anvroverus in apple tissue and its effect on the host cells. E. L. Nixon. (Pennsylvania Sta. Bul. 212, pp. 16, pl. 1. Apr., 1927.)

The influence of crop plants on those which follow, III. E. L. Hartwell, J. B. Smith, and S. C. Damon. (Rhode Island Sta. Bul. 210, pp. 25. Sept., 1927.)

Profitable farming systems for east central South Dakota. C. A. Bonnen and J. B. Hutson. (South Dakota Sta. Bul. 226, pp. 80, figs. 20. June, 1927.)

A study of certain physical and chemical characteristics of flaxseed and of linseed oil. A. L. Bushey, L. Fuhr, and A. N. Hume. (South Dakota Sta. Bul. 228, pp. 11. Sept., 1927.)

Fertilizers and cover crops on soils in the irrigated orchards of Washington. O. M. Morris. (Washington Col. Sta. Bul. 217, pp. 37. Aug., 1927.)

Carlot distribution of Washington apples. G. H. Fredell. (Washington Col. Sta. Bul. 218, pp. 31, figs. 2. Aug., 1927.)

The maintenance of crop production on semi-arid soil. F. J. Sievers and H. F. Holtz. (Washington Col. Sta. Pop. Bul. 138, pp. 29, figs. 26. Aug., 1927.)

Factors affecting the variable growth of apple grafts in the nursery row. R. H. Roberts. (Wisconsin Sta. Research Bul. 77, pp. 16, figs. 12. July, 1927.)

The relation of scion variety to character of root growth in apple trees. T. Swarbrick and R. H. Roberts. (Wisconsin Sta. Research Bul. 78, pp. 23, figs. 19. Aug., 1927.)



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UNITED STATES DEPARTMENT OF AGRICULTURE  
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LIST OF STATION PUBLICATIONS  
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS  
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Note:- The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them.

Report of the Alaska Agricultural Experiment Stations, 1926. C. C. Georgeson. 40p., 9 figs. Nov., 1927.

Thirty-ninth annual report [Arkansas Station], fiscal year ending June 30, 1927. D. T. Gray et.al. (Arkansas Sta. Bul. 221, 66 p., 18 figs. Aug., 1927.)

Series on California crops and prices: Economic aspects of the dairy industry. E.C. Voorhies. (California Sta. Bul. 437, 192 p., 44 figs. Oct., 1927.)

Grafting affinities with special reference to plums. M. J. Heppner and R.D. McCallum. California Sta. Bul. 438, 20 p., 7 figs, Nov., 1927.)

Standardization and improvement of California butter. F. H. Abbott. (California Sta. Bul. 443, 27 p., 5 figs. Nov., 1927.)

The operation of the bacteriological laboratory for dairy plants. C. S. Mudge. (California Sta. Circ. 210, 28 p., 9 figs. Nov., 1927.)

Soil sterilization for seedbeds and greenhouses. W. G. Sackett. (Colorado Sta. Bul. 321, 24 p., 16 figs. May, 1927.)

Common diseases of Colorado truck crops. L. W. Durrell and E. L. Leclerc. (Colorado Sta. Bul. 323, 27 p., 15 figs. July, 1927.)

Ornamental vines. H. Howry. (Florida Sta. Bul. 188, p.183-230, 51 figs. June, 1927)

Bed rot of sweet potatoes. B. B. Higgins. (Georgia Sta. Circ. 80, p.218-221, 1 fig. Sept., 1927.)

Home cured pork. F. R. Edwards. (Georgia Sta. Circ. 80, p.222-225, 1 fig. Sept., 1927.)

Varieties of barley for Illinois. G. H. Dungan, R. W. Stark, and W. L. Barlison. (Illinois Sta. Bul. 297, p.41-52, 1 fig. Oct., 1927.)

Winter forcing of rhubarb. C. B. Sayre. (Illinois Sta. Bul. 299, p.53-76, 1 pl., 6 figs. Oct., 1927.)

Logan County soils. R. S. Smith, E. F. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Survey Rpt. 39, 56 p., 2 pls., 3 figs. Oct., 1927.)

- Cattle feeding: Winter steer feeding, 1934-35. J. H. Skinner and F. G. King. (Indiana Sta. Bul. 314, 14 p., 1 fig. July, 1927.)
- Orchard soil management studies. F. F. Cullinan and C. E. Baker. (Indiana Sta. Bul. 315, 40 p., 13 figs. Aug., 1927.)
- Soil survey of Iowa.--Grundy County soils. W. H. Stevenson, P. E. Brown, et al. (Iowa Sta. Soil Survey Rpt. 47, 59 p., 1 pl., 12 figs. June, 1927.)
- Soil survey of Iowa.--Floyd County soils. W. H. Stevenson, P. E. Brown, et al. (Iowa Sta. Soil Survey Rpt. 48, 71 p., 1 pl., 8 figs. June, 1927.)
- Soil survey of Iowa.--North County soils. W. H. Stevenson, P. E. Brown, et al. (Iowa Sta. Soil Survey Rpt. 49, 75 p., 1 pl., 8 figs. June, 1927.)
- The genetics of plumage color in poultry. C. W. Knowlton. (Iowa Sta. Research Bul. 105, p. 105-131. Oct., 1927.)
- Farm mortgage debt in Iowa. W. G. Murray and F. L. Garlock. (Iowa Sta. Cur. Econ. Ser. Rpt. 6, 15 p. Oct., 1927.)
- Thirty-eighth annual report of the agricultural experiment station of the University of Kentucky, Lexington, Ky., for the year 1925. Part II, Buls. 257 to 263, Circ. 35. 323 + 34 + 2 p., 30 figs. 1925.
- Insecticidal control for sugarcane borer (Diatraea saccharalis crambidoides Grote).--A report of progress. W. E. Hirds and H. Spencer. (Louisiana Sta. Bul. 201, 55 p., 4 pls. Aug., 1927.)
- Abstracts of papers not included in bulletins, finances, meteorology, index. (Maine Sta. Bul. 335, p. 288-297 + xiii. Dec., 1926.)
- Productivity of Guernsey cows of American or Island origin. J. W. Golen. (Maine Sta. Bul. 341, p. 217-228, 1 fig. July, 1927.)
- Commercial feeding stuffs, 1926-1927. J. M. Bartlett. (Maine Sta. Off. Insp. 124, p. 17-36. Aug., 1927.)
- Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and H. Baumgartner. (Massachusetts Sta. Met. Bul. 466, 4 p. Oct., 1927.)
- Diagnosing orchard ills. V. R. Gardner, R. H. Pettit, C. W. Bennett, and W. C. Dutton. (Michigan Sta. Spec. Bul. 164, 70 p., 8 col. pls., 81 figs. June, 1927.)
- How Minnesota farm family incomes are spent, an interpretation of a one year's study, 1924-1925. C. C. Zimmerman and J. D. Black. (Minnesota Sta. Bul. 234, 49 p., 4 figs. June, 1927.)
- Field studies of the sources of mold in butter. H. Macy and W. B. Combs. (Minnesota Sta. Bul. 235, 51 p., 10 figs. May, 1927.)

- Retail margins in marketing home-grown fruits and vegetables in St. Paul, 1925.  
W. C. White and H. B. Lower. (Minnesota Sta. Bul. 236, 30 p., 8 figs. June, 1927.)
- Sageain. W. E. Ayres and H. A. York. (Mississippi Sta. Circ. 72, 4 p. Mar., 1927.)
- Growth and development, with special reference to domestic animals.--III, Growth rates, their evaluation and significance. S. Brody. (Missouri Sta. Research Bul. 97, 70 p., 20 figs. Jan., 1927.)
- Growth and development, with special reference to domestic animals.--V, The effect of temperature on the percentage rate of growth of the chick embryo. E. W. Henderson and S. Brody. (Missouri Sta. Research Bul. 99, 11 p., 2 figs. Feb., 1927.)
- Growth and development, with special reference to domestic animals.--VI, Growth rates during the self-inhibiting phase of growth. S. Brody. (Missouri Sta. Research Bul. 101, 26 p., 16 figs. Apr., 1927.)
- The development of agriculture in New Jersey, 1640-1880, a monographic study in agricultural history. C. R. Woodward. (New Jersey Sta. Bul. 451, 321 p., 70 figs. May, 1927.)
- The peach industry in New Jersey, a statistical and economic study. A. C. Waller and H. B. Weiss. (New Jersey Sta. Bul. 452, 39 p., 4 figs. Sept., 1927.)
- The potato industry in New Jersey. W. R. Martin, A. G. Waller, and H. B. Weiss. (New Jersey Sta. Bul. 454, 31 p., 2 figs. Nov., 1927.)
- The poultry disease program of the Third World's Poultry Congress. F. R. Beaudette. (New Jersey Sta. Hints to Poultrymen, col. 16, No. 1, 4 p., 1 fig. Oct., 1927.)
- Powdery mildew of peas. R. F. Crawford. (New Mexico Sta. Bul. 162, 13 p., 3 figs. June, 1927.)
- Corn for North Dakota. P. J. Olson, H. L. Walster, and E. H. Hopper. (North Dakota Sta. Bul. 207, 106 p., 36 figs. Mar., 1927.)
- Spring wheat varieties for North Dakota. T. E. Ston, R. W. Smith, and C. E. Margels. (North Dakota Sta. Bul. 209, 48 p., 10 figs. Mar., 1927.)
- Sweet clover experiments in pasturing. J. H. Sheppard. (North Dakota Sta. Bul. 211, 66 + 1 p., 15 figs. July, 1927.)
- Type-of-farming areas in North Dakota. R. E. Willard and O. M. Fuller. (North Dakota Sta. Bul. 212, 263 + 6 p., 173 figs. July, 1927.)
- The rural health facilities of Ross County, Ohio. C. E. Lively and P. G. Beck. (Ohio Sta. Bul. 413, 54 p., 1 fig. Oct., 1923.)
- Spraying for prevention of apple blotch (*Phyllosticta solitaria*) and apple scab (*Venturia inaequalis*). F. H. Ballou and T. F. Lewis. (Ohio Sta. Bul. 413, 32 p., 1 pl., 11 figs. Oct., 1927.)
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 12, No. 6, p. 169-198 +2, 9 figs. Nov.-Dec., 1927.)



Preparation of kafir corn and wheat for swine feeding; value of yeast in swine feeding. C. P. Thompson. (Oklahoma Sta. Bul. 165, 12 p. Aug., 1927.)

The value of certain scratch grains in the poultry ration. R. Penquite, R. B. Thompson, and H. R. Naylor. (Oklahoma Sta. Bul. 166, 8 p., 5 figs. [1927].)

Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., vol. 1, No. 6, 4 p. Nov., 1927.)

Fortieth annual report of the Pennsylvania Agricultural Experiment Station ... for the fiscal year ending June 30, 1927. R. L. Watts et al. (Pennsylvania Sta. Bul. 213, 42 p., 14 figs. July, 1927.)

Small grain experiments. T. S. Buie, W. B. Rogers, and J. D. Warror. (South Carolina Sta. Bul. 242, 20 p., 5 figs. Oct., 1927.)

Spring seeding time for wheat, oats, barley and flax in South Dakota. A. W. Hume, C. Frenzke, and E. W. Hardies. (South Dakota Sta. Bul. 227, 12 p., 3 figs. Sept., 1927.)

The Van Fleet raspberry in Tennessee. J. A. McClintock. (Tennessee Sta. Circ. 17, 4 p., 4 figs. Sept., 1927.)

Factors affecting returns from the dairy enterprise in the Shenandoah Valley. J. J. Vernon, C. W. Holdaway, M. Ezekiel, and R. S. Kifer. (Virginia Sta. Bul. 257, 87 p., 16 figs. June, 1927.)

Manure and electric hotbeds. H. L. Garver and C. L. Vincent. (Washington Col. Sta. Bul. 219, 16 p., 7 figs. Sept., 1927.)

Feeding alfalfa hay. J. Sotola. (Washington Col. Sta. Bul. 220, 35 p., 7 figs. Sept., 1927.)

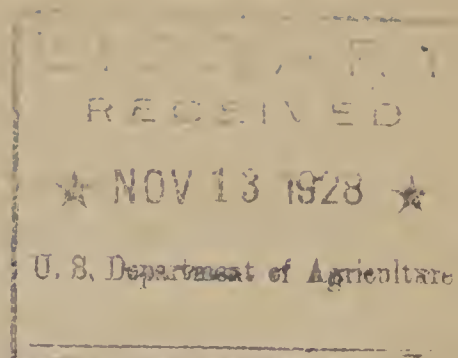
Filbert culture. H. D. Locklin. (Western Washington Sta. Pop. Bul. C-4, 30 p., 9 figs. Oct., 1927.)

Practices responsible for variations in physical requirements and economic costs of milk production on Wisconsin dairy farms. M. J. B. Ezekiel, P. E. McNall, and F. B. Morrison. (Wisconsin Sta. Research Bul. 79, 55 p., 6 figs. Aug., 1927.)

Organic food reserves in relation to the growth of alfalfa and other perennial herbaceous plants. L. F. Graber, N. T. Nelson, W. A. Leukel, and W. B. Albert. (Wisconsin Sta. Research Bul. 80, 123 p., 35 figs. Aug., 1927.)

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UNITED STATES DEPARTMENT OF AGRICULTURE  
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LIST OF STATION PUBLICATIONS  
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Thirty-fifth annual report, fiscal year ending June 30, 1924, of the agricultural experiment station of the Alabama Polytechnic Institute, Auburn. M. J. Funchess et al. 18 p. [1927.]

The feeding value of raisins and dairy by-products for growing and fattening swine. E. H. Hughes. (California Sta. Bul. 440, 12 p., 2 figs. Nov., 1927.)

The electric brooder. B. D. Moses and T. A. Wood, (California Sta. Bul. 441, 39 p., 21 figs. Nov., 1927.)

Laboratory tests of orchard heaters. A. H. Hoffman. (California Sta. Bul. 442, 37 p., 15 figs. Nov., 1927.)

The improvement of quality in figs. R. E. Smith and H. N. Hansen. (California Sta. Circ. 311, 23 p., 16 figs. Dec., 1927.)

Hungarian alkali soils and methods of their reclamation. A. A. J. De'Sigmond. (California Sta. Special Publication, 156 p., 9 figs. 1927.)

The enzymes of Pythiacystis citrophthora Sm. and Sm. L. J. Klotz. (Hilgardia [California Sta.], vol. 3, No. 2, p. 27-40. Oct., 1927.)

Annual report of the director for the fiscal year ending June 30, 1927. C. A. McCue et al. (Delaware Sta. Bul. 152, 54 p., 2 pl. Nov., 1927.)

Publications available for free distribution. (Idaho Sta. Circ. 49, 4p. Oct., 1927.)

The effects of phosphorus and sulfur fertilizers on flower production of roses and carnations. F. F. Weinard and P. A. Lehenbauer. (Illinois Sta. Bul. 299, p. 77-104, 3 figs. Nov., 1927.)

A study of the organization and management of dairy farms in northeastern Iowa. A. Mighell. (Iowa Sta. Bul. 243, p. 49-104, 28 figs. Oct., 1927.)



Feeding dairy cattle. E. Weaver and B. Oderkirk. (Iowa Sta. Circ. 107, 56 p., 8 figs. Sept., 1927.)

Cod liver products and ultra violet light irradiation in the production of fall pigs. J. M. Evvard, C. C. Culbertson, W. E. Hammond, and C. F. Bassett. (Iowa Sta. Leaflet 24, 7 p. Nov., 1927.)

Sheep production in Kansas. H. E. Reed. (Kansas Sta. Bul. 240, 76 p., 41 figs. May, 1927.)

Alfalfa production in Kansas. R. I. Throckmorton and S. C. Salmon. (Kansas Sta. Bul. 242, 42p., 12 figs. Sept., 1927.)

Liming onions. J. P. Jones. (Massachusetts Sta. Bul. 237, p. 139-145, 1 fig. Oct., 1927.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and H. Baumgartner. (Massachusetts Sta. Met. Bul. 467, 4 p. Nov., 1927.)

Biennial report of the Massachusetts Agricultural Experiment Station: Report of the director for the fiscal years ending November 30, 1925 and 1926. S.B. Haskell. 16a p. [1927.]

The clarifier and the filter in processing milk. P. S. Lucas, L. H. Cooledge, O. T. Goodwin, and R. J. Weldon. (Michigan Sta. Tech. Bul. 84, 27 p. Nov., 1927.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., Vol. 10, No. 2, p. 33-74, 14 figs.. Nov., 1927.)

Flies commonly found in dwellings. E. McDaniel. (Michigan Sta. Circ. 106, 15 p. Sept., 1927.)

An analysis of the cost of tile drainage installation on the farm. H. B. Roe. (Minnesota Sta. Tech. Bul. 47, 82 p., 24 figs. July, 1927.)

Studies on the carrion beetles of Minnesota, including new species. M. H. Hatch. (Minnesota Sta. Tech. Bul. 48, 19 p. June, 1927.)

Steer feeding experiments and actuary. -- I, Molasses fed with cottonseed meal, silage and Johnson grass hay in rations for finishing steers for market; II, Selling price of steers per hundred-weight on farm necessary to pay for cattle and feed. G. S. Templeton and C. J. Goodell. (Mississippi Sta. Bul. 242, 29 p., 9 figs. June, 1927.)

Cooperative marketing for Missouri. F. L. Thomsen and G. B. Thorne. (Missouri Sta. Bul. 253, 97 p., 3 pls., 24 figs. July, 1927.)

Controlling horn and stable flies. L. Haseman. (Missouri Sta. Bul. 254, 10 p. July, 1927.)

Land valuation. M. F. Miller et al. (Missouri Sta. Bul. 255, 79 p., 9 figs. Aug., 1927.)



- Solving farm problems by research: One year's work, agricultural experiment station (Report of the director, July 1, 1926, to June 30, 1927). F. B. Mumford and S. B. Shirky. (Missouri Sta. Bul. 256, 102 + 1 p., 14 figs. Sept., 1927.)
- Testing fertilizers, spring, 1927. L. D. Haigh. (Missouri Sta. Bul. 257, 11 p. Oct., 1927.)
- Growth and development, with special reference to domestic animals.--VII, Equivalence of age during the self-inhibiting phase of growth. S. Brody. (Missouri Sta. Research Bul. 102, 47 p., 26 figs. May, 1927.)
- Studies in animal nutrition.--VI, The distribution of the mineral elements in the animal body as influenced by age and condition. A. G. Hogan and J. L. Niernan. (Missouri Sta. Research Bul. 107, 45 p., 6 figs. July, 1927.)
- Breeding cages are solving codling moth problem. L. Haseman. (Missouri Sta. Circ. 161, 4 p. July, 1927.)
- Unusual meats. J. A. Cline and R. S. Godfrey. (Missouri Sta. Circ. 162, 11 p., 13 figs. Aug., 1927.)
- Feeding for egg production. H. L. Kempster. (Missouri Sta. Circ. 163, 15 + 1 p., 5 figs. Oct., 1927.)
- Peach growing in Missouri. T. J. Talbert and H. D. Hooker. (Missouri Sta. Circ. 164, 23 p., 11 figs. Nov., 1927.)
- Analyses of commercial fertilizers, fertilizer supplies and home mixtures for 1927. C. S. Carhcart. (New Jersey Stas. Bul. 456, 39 p. Oct., 1927.)
- The record as the fundamental basis for the selection of breeding stock. W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, Vol. 16, No. 2, 4 p., 1 fig. Nov., 1927.)
- Report of the New Jersey egg laying contests, November 1, 1926 - October 23, 1927, the eleventh year of the Vineland egg laying contest and the seventh year of the Bergen County egg laying contest. W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, Vol. 16, No. 3, 4 p. Dec., 1927.)
- Small cherry in English Morello. (New York State Sta. Bul. 540, pop. ed., 7 p., 2 pls. Feb., 1927.)
- Protein and test weight of the 1927 North Dakota wheat crop. C. E. Mangels, T. E. Stoa, and R. C. Dynes. (North Dakota Sta. Bul. 213, 4 figs. Nov., 1927.)
- Canada thistle, Cirsium arvense Tourn., field thistle, creeping thistle. F. Detmers. (Ohio Sta. Bul. 414, 45 p., 13 figs. Nov., 1927.)
- The influence of fertilizers on the vitamin-B content of wheat. C. H. Hunt. (Ohio Sta. Bul. 415, 41 p., 5 figs. Dec., 1927.)

Influence of time of hatch on hatchability of the eggs, rate of growth of the chicks, and characteristics of the adult female. C. W. Upp and R. B. Thompson. (Oklahoma Sta. Bul. 167, 36 p., 5 figs. Oct., 1927.)

Gelatinated buttermilk. A. D. Burke. (Oklahoma Sta. Bul. 168, 16 p. Apr., 1927)

Current farm economics, Oklahoma. (Oklahoma Sta. Cur. Farm Econ., Vol. 1, No. 7, 4 p. Dec., 1927.)

Why alfalfa fails. F. M. Rolfs. (Oklahoma Sta. Circ. 64, 4p. Oct., 1927.)

Egg marketing by farmers in Pennsylvania, a study of prices and costs by various methods of marketing. F. F. Lininger. (Pennsylvania Sta. Bul. 214, 20 p., 2 figs. Aug., 1927.)

Report of the Porto Rico Agricultural Experiment Station, 1926. D. W. May et al. 31 p., 11 figs.

Receipts of food by rail and water in Providence, Rhode Island. R. C. Corbett. (Rhode Island Sta. Bul. 211, 15 p., 3 figs. Nov., 1927.)

Inspection of fertilizers. J. B. Smith and W. L. Adams. (Rhode Island Sta. Ann. Fert. Circ., 12 p. Sept., 1927.)

The production of clean milk. F. Hale and J. L. Lush. (Texas Sta. Circ. 48, 25 p., 14 figs. Oct., 1927.)

Cattle ranching in Utah, report of a preliminary economic survey of the ranch situation as of 1925. W. Peterson, P. V. Cardon, K. C. Ikeler, G. Stewart, and A. C. Esplin. (Utah Sta. Bul. 203, 56 p., 4 figs. Nov., 1927.)

Systems of beef cattle farming for southwestern Virginia. E. L. Langsford and J. B. Hutson. (Virginia Sta. Bul. 258, 47 p., 10 figs. June, 1927.)

A balanced and an unbalanced ration fed prior to the hatching season as affecting the hatchability of eggs and the vigor of the progeny. H. Atwood. (West Virginia Sta. Bul. 207, 10 p. July, 1927.)